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A CHECK LIST OF NORTH AMERICAN AMPHIBIANS AND REPTILES

BY

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AND

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INTRODUCTION

A CHECK LIST of North American Amphibians and Reptiles has long been wished for by all students of American Herpetology. This list has been prepared generally upon the lines of the American Ornithologists' Union Check List of Birds, and following that example, it has included the species and subspecies which the authors deem valid[1] and of certain occurrence in North America, north of the Rio Grande, and in Lower California, Mexico. Miller's List of North American Land Mammals (Bull. U. S. Nat. Mus., No. 79, 1912) has also been a valued guide.

This volume is the result of lists begun some years ago independently by both authors. The arrangement is on the following system: The higher groups and genera are in systematic sequence, the species are in alphabetic order. No attempt is made to give synonyms. Species not listed are believed to be invalid. The citation of original appearance of names is given for all except such (e. g., family names) as are formed automatically. Following the citation of the original description of each species comes the place of first appearance of the name in its present combination — accurate in so far as we have been able to determine. References are added to Cope's North American Batrachia and to his Crocodilians, Lizards, and Snakes of North America. Both are frequently erratic and inaccurate, but large and excellent portions of both works are to a great extent from the pen of S. F. Baird, as painstaking an investigator as this country has produced. These monographs are in

[1] By this statement it is not meant that the authors in all cases have verified the status of a number of more recently established forms by critical study. The judgment of reliable workers has been accepted where no special reason appeared to contraindicate the validity of the form. As for the admission of subspecies — or rather trinominal designation — for certain forms no special attempt has been made at consistency, the authors on principle leaning towards binominals in all cases where the need of trinominals has not been clearly established.

widespread use, and constitute the most recent attempts toward complete lists. In the case of the difficult genus Thamnophis references are given to Ruthven's excellent review. Common names for reptiles and amphibians are in great confusion, and are often of generic rather than of specific application. No attempt is made to recognize any except those which are in well-established usage. The host which have been recently coined by various writers are frequently inapt and almost surely unlikely to survive. It is entirely possible that some vernacular names really often used have escaped our notice, since many are in restricted local use. The type localities are as nearly exact as it is possible to determine. This cannot be said regarding the ranges. Many are obviously faulty, but a sincere attempt has been made to collect records of authentic captures; however, with a literature so extensive and so scattered, records have almost surely been overlooked. In many cases, our knowledge does not warrant drawing hard and fast lines delimiting a form's occurrence, and we often state ranges in purposely general terms. There still is opportunity for valuable field work to determine the precise distribution of many of our most common species. An example is the recent discovery that *Virginia valeriae* is far from rare in parts of New Jersey.

Our hearty thanks are due to many for information and advice, especially to Samuel Henshaw, John Van Denburgh, and Alex. G. Ruthven.

G. K. Noble has assisted considerably in verifying references and searching literature, and for this assistance he has our grateful remembrance.

T. B.

AMPHIBIA (*CLASS*)

LINNÉ, Syst. Nat., Ed. 10, Vol. 1, 1758, p. 194

CAUDATA (*ORDER*)

OPPEL, Ordn. Rept. 1811, p. 72

PROTEIDA (*SUBORDER*)

COPE, Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 6, 1866, p. 102

NECTURIDAE (*FAMILY*)

Necturus (*GENUS*)

RAFINESQUE, Journ. Phys. Chim. Hist. Nat., Vol. 88, June, 1819, p. 418

TYPE: *maculatus* = maculosus

Necturus maculosus (RAFINESQUE)

MUDPUPPY, WATERDOG

Sirena maculosa RAFINESQUE
Amer. Month. Mag. Crit. Rev., Vol. 4, No. 1, Nov. 1818, p. 41.

Necturus maculosus RAFINESQUE
Ann. Nat., Lexington, No. 1, March 22, 1820, p. 4.

Necturus maculatus COPE
Bull. U.S. Nat. Mus., No. 34, 1889, p. 23, fig. 3.

TYPE LOCALITY: Found in the Ohio River.

RANGE: Tributaries of the Great Lakes, the Mississippi River system, the upper Hudson River, and Lake Champlain.

Necturus punctatus (GIBBES)

Menobranchus punctatus GIBBES
Proc. Amer. Assoc. Adv. Sci., Charleston, 1850, p. 159.

Necturus punctatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 27, fig. 4.

TYPE LOCALITY: Dr. Schoolbred's plantation on the South Santee River, a few miles from its mouth, South Carolina.

RANGE: Fresh waters of North and South Carolina, especially rice field ditches.

TYPHLOMOLGIDAE (*FAMILY*)

Typhlomolge (*GENUS*)

STEJNEGER, Proc. U. S. Nat., Mus., Vol. 18, 1896, p. 620

TYPE: *rathbuni*

Typhlomolge rathbuni STEJNEGER

Typhlomolge rathbuni STEJNEGER
Proc. U. S. Nat. Mus., Vol. 18, Apr. 15, 1896, p. 620.

TYPE LOCALITY: Artesian well 188 feet deep, at U. S. Fish Commission Station, San Marcos, Hays Co., Texas.

RANGE: Known from vicinity of the type locality only.

MUTABILIA (*SUBORDER*)

MERREM, Syst. Amph., 1820, p. 166

AMPHIUMIDAE (*FAMILY*)

Amphiuma (*GENUS*)

GARDEN, Smith's Correspondence of Linnaeus, Vol. 1, 1821, p. 599

TYPE: *means*

Amphiuma means GARDEN

BLIND EEL, CONGO EEL, CONGO SNAKE

Amphiuma means GARDEN
Smith's Correspondence of Linnaeus, Vol. 1, 1821, p. 599, (desc. p. 333).

Amphiuma means COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 216.

TYPE LOCALITY: Not stated, but from the context evidently either Charleston or East Florida.

RANGE: From Virginia south to Florida, west to Louisiana.

Amphiuma tridactylum CUVIER

Amphiuma tridactylum CUVIER
Mém. Mus. Hist. Nat. Paris, Vol. 14, 1827, p. 7, pl. 1, figs. 4–6, pl. 2, figs. 9–18.

TYPE LOCALITY: New Orleans, Louisiana.

RANGE: Northern Florida to Southern Mississippi and Louisiana, up the Mississippi Valley at least to Missouri.

CRYPTOBRANCHIDAE (*FAMILY*)

Cryptobranchus (*GENUS*)

LEUCKART, Isis, 1821, Lit. Anz., p. 259

TYPE: *gigantea* = alleganiensis

Cryptobranchus alleganiensis (DAUDIN)

HELL-BENDER

Salamandra alleganiensis DAUDIN
Hist. Nat. Rept., Vol. 8, 1803, p. 231.

Cryptobranchus alleghaniensis VAN DER HOEVEN
Tijdschr. Nat. Geschied. Physiol., Vol. 4, 1837, p. 384.

Cryptobranchus allegheniensis COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 38, fig. 5.

TYPE LOCALITY: Alleghany Mts. in Virginia.

RANGE: Western New York, the Great Lakes system, Iowa and southward to Georgia and Louisiana.

SALAMANDRIDAE (*FAMILY*)

Notophthalmus (*GENUS*)

RAFINESQUE, Ann. Nat., Lexington, No. 1, March 22, 1820, p. 5

TYPE: *miniatus* = viridescens

Notophthalmus meridionalis (COPE)

Diemyctylus miniatus, subsp. *meridionalis* COPE
Bull. U. S. Nat. Mus., No. 17, 1880, p. 30.

Diemyctylus viridescens meridionalis COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 211, fig. 54.

TYPE LOCALITY: Matamoros, Tamaulipas, Mexico.

RANGE: Southern Georgia to Louisiana, Texas and Tamaulipas.

Notophthalmus torosus (ESCHSCHOLTZ)

GIANT NEWT, CALIFORNIA NEWT

Triton torosus ESCHSCHOLTZ
Zool. Atlas, Pt. 5, 1833, p. 12, pl. 21, fig. 15.

Notophthalmus torosus BAIRD
Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 284.

Diemyctylus torosus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 204, fig. 51.

TYPE LOCALITY: Surroundings of the Bay of San Francisco, California.

RANGE: California, Oregon and Washington.

Notophthalmus viridescens viridescens (RAFINESQUE)

COMMON NEWT (AQUATIC FORM) RED EFT OR EBBET (TERRESTRIAL FORM)

Triturus viridescens RAFINESQUE
Ann. Nat., Lexington, No. 1, March 22, 1820, p. 5.
Notophthalmus viridescens BAIRD
Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 284.
Diemyctylus viridescens COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 207, figs. 52–53.

TYPE LOCALITY: Lake George, Lake Champlain.
RANGE: Eastern North America, Hudson Bay to Texas, west Illinois, Michigan, Missouri to Oklahoma.

Notophthalmus viridescens vittatus (H. GARMAN)

Diemyctylus viridescens var. *vittatus* H. GARMAN
Journ. Cincinnati Soc. Nat. Hist., Vol. 19, 1897, p. 49.

TYPE LOCALITY: Wilmington, North Carolina.
RANGE: Only known from type locality.

AMBYSTOMIDAE (*FAMILY*)

Ambystoma (*GENUS*)

TSCHUDI, Mém. Soc. Sci. Nat. Neuchâtel, 1838, p. 92
TYPE: *subviolacea* = maculatum

Ambystoma annulatum COPE

Amblystoma annulatum COPE
Proc. Amer. Philos. Soc., Vol. 23, 1886, p. 525.
Linguaelapsus annulatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 115, fig. 25.

TYPE LOCALITY: Unknown.
RANGE: Arkansas.

Ambystoma aterrimum COPE

Amblystoma aterrimum COPE
Proc. Ac. Nat. Sci. Phila., 1867, p. 201.
Chondrotus aterrimus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 109, fig. 23.

TYPE LOCALITY: Northern Rocky Mountains (in Montana).
RANGE: Northern Rocky Mountains.

Ambystoma cingulatum COPE

Amblystoma cingulatum COPE
Proc. Ac. Nat. Sci. Phila., 1867, p. 205.
Chondrotus cingulatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 100, p. 455, fig. 116.

TYPE LOCALITY: Grahamville, South Carolina.
RANGE: South Carolina to Northern Florida.

Ambystoma conspersum COPE

Ambystoma conspersum COPE
Proc. Ac. Nat. Sci. Phila., 1859, p. 123.
Amblystoma conspersum COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 61, fig. 10.

TYPE LOCALITY: Londongrove, Chester Co., Pennsylvania.
RANGE: Pennsylvania to Georgia.

Ambystoma decorticatum COPE

Amblystoma decorticatum COPE
Proc. Amer. Philos. Soc., Vol. 23, 1886, p. 522.
Chondrotus decorticatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 107, fig. 22.

TYPE LOCALITY: Port Simpson, British Columbia.
RANGE: Coastal region of South Eastern Alaska and British Columbia.

Ambystoma epixanthum COPE

Amblystoma epixanthum COPE
Proc. Ac. Nat. Sci. Phila., 1883, p. 16.
Amblystoma epixanthum COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 97, fig. 18.

TYPE LOCALITY: "Swamp near head of South Boise River, on the south side of the Sawtooth Mts., Idaho."
RANGE: Idaho and Montana.

Ambystoma jeffersonianum (GREEN)

Salamandra jeffersoniana GREEN
Contr. Maclur. Lyc., Vol. 1, No. 1, Jan. 1827, p. 4, pl. 1, fig. 1.
Ambystoma jeffersoniana BAIRD
Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 283.
Amblystoma jeffersonianum COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 89, figs. 15–16.

TYPE LOCALITY: Near Jefferson College, Cannonsburg, Pennsylvania.
RANGE: Canada (to Hudson Bay) and New England, southward to Virginia, Illinois and Arkansas.

Ambystoma lepturum COPE

Amblystoma lepturum COPE
Proc. Amer. Philos. Soc., Vol. 23, 1886, p. 524.

Linguaelapsus lepturus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 116, fig. 26.

TYPE LOCALITY: Unknown.
RANGE: Unknown.

Ambystoma macrodactylum BAIRD

Ambystoma macrodactyla BAIRD
Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 292.
Amblystoma macrodactylum COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 95, fig. 17.

TYPE LOCALITY: Astoria, Oregon.
RANGE: Northern California to British Columbia, Montana.

Ambystoma maculatum (SHAW)
SPOTTED SALAMANDER

Lacerta maculata SHAW
Gen. Zool. Vol. 3, Pt. 1, 1802, p. 304.[1]
Ambystoma maculatum STEJNEGER
Proc. Biol. Soc. Washington, Vol. 15, Dec. 16, 1902, p. 239.
Amblystoma punctatum COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 56, fig. 9.

TYPE LOCALITY: Carolina (based on Catesby, Nat. Hist. Carolina, Ed. 1, Appendix, 1748, pl. 10, fig. 10.)
RANGE: Nova Scotia west to Wisconsin, southward to Georgia and Texas.

Ambystoma microstomum COPE

Amblystoma microstomum COPE
Proc. Ac. Nat. Sci. Phila., 1861, p. 123.
Chondrotus microstomus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 101, fig. 19.

TYPE LOCALITY: Wabash, Ohio.[2]
RANGE: South Carolina to Texas, northward to Ohio, Illinois and possibly Canada.

Ambystoma opacum (GRAVENHORST)
MARBLED SALAMANDER

Salamandra opaca GRAVENHORST.
Vergl. Uebers. Zool. Syst., 1807, p. 431.
Ambystoma opaca BAIRD
Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 283.

[1] This is *Lacerta punctata* of Linné, Syst. Nat., Ed. 12, 1766, p. 370, but not *L. punctata* of Linné, Syst. Nat., Ed. 10, 1758, p. 209, or Ed. 12, 1766, p. 369.

[2] Possibly incorrect, cf. Fowler and Dunn, Proc. Ac. Nat. Sci. Phila., Vol. 69, 1917, p. 11. It is probably Wabash River, Indiana.

Amblystoma opacum COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 54, fig. 8.

TYPE LOCALITY: New York.

RANGE: From Massachusetts to Florida, west to Louisiana and Texas, Mississippi basin north to Arkansas, Missouri, Indiana and Illinois.

Ambystoma paroticum BAIRD

Amblystoma paroticum BAIRD,
in Cope Proc. Ac. Nat. Sci. Phila., 1867, p. 200.
Chondrotus paroticus COPE
Bull. U. S. Nat. Mus., N. 34, 1889, p. 105, fig. 21.

TYPE LOCALITY: Chiloweyuck Lake, British Columbia.

RANGE: Northern California to British Columbia, Vancouver Island.

Ambystoma stejnegeri RUTHVEN

Ambystoma stejnegeri RUTHVEN
Proc. U. S. Nat. Mus., Vol. 41, Jan. 22, 1912, p. 517.

TYPE LOCALITY: Bloomfield, Davis Co., Iowa.

RANGE: Southeastern Iowa.

Ambystoma talpoideum (HOLBROOK)
MOLE SALAMANDER

Salamandra talpoidea HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 3, 1838, p. 117, pl. 29.
Ambystoma talpoideum GRAY
Cat. Batr. Grad. Brit. Mus., 1850, p. 36.
Amblystoma talpoideum COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 52, fig. 7.

TYPE LOCALITY: Sea Islands on the border of South Carolina.

RANGE: South Atlantic and Gulf States, Louisiana to Illinois.

Ambystoma tenebrosum [1] BAIRD and GIRARD

Amblystoma tenebrosum BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 174.
Chondrotus tenebrosus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 111, fig. 24.

TYPE LOCALITY: Oregon.

RANGE: Central California to Southern coastal region of British Columbia.

[1] According to Van Denburgh *Dicamptodon ensatus* (Eschscholtz Zool. Atlas, pt. 5, 1833, p. 6, pl. 22), is a synonym of *Ambystoma tenebrosum* Baird and Girard; until, however, it is possible to examine the type, if it still exists at Dorpat or Rostock, it seems better to consider this allocation only provisional, in view of the fact that the figure in the Zoologisches Atlas is not very similar to the Ambystoma. We do not, however, include it in the list.

Ambystoma texanum (MATTHES)

Salamandra texana MATTHES
Allg. deutsche naturh. Zeitschr., N. S., Vol. 1, 1855, p. 266.
Amblystoma texanum BAIRD
U. S. Nat. Mex. Bound. Surv., Vol. 2, 1859, Rept. p. 29, pl. 35, fig. 15.
Chondrotus texanus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 104, fig. 20.

TYPE LOCALITY: "Das erste Exemplar fand ich . . . im Urwalde am Rio Colorado, das zweite ebenfalls . . . im Cumming's Creeck (sic) Bottom, Fayette County."
RANGE: Texas.

Ambystoma tigrinum (GREEN)

TIGER SALAMANDER

Salamandra tigrina GREEN
Journ. Ac. Nat. Sci. Phila., Vol. 5, 1825, p. 116.
Ambystoma tigrina BAIRD
Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 284.
Amblystoma tigrinum COPE[1]
Bull. U. S. Nat. Mus., No. 34, 1889, p. 68, figs. 12–13.

TYPE LOCALITY: Near Moorestown, New Jersey.
RANGE: Widely distributed over almost all the United States, east of the Rocky Mts., and extending southward over the northern portion of the Mexican plateau.

Ambystoma trisruptum COPE

Amblystoma trisruptum COPE
Proc. Ac. Nat. Sci. Phila., 1867, p. 194.
Amblystoma trisruptum COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 86.

TYPE LOCALITY: Ocate Creek, New Mexico.
RANGE: New Mexico.

Ambystoma xiphias COPE

Amblystoma xiphias COPE
Proc. Ac. Nat. Sci. Phila., 1867, p. 192.
Amblystoma xiphias COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 87, fig. 14.

TYPE LOCALITY: Columbus, Ohio.
RANGE: Ohio.

[1] According to a note in Cope's handwriting in the jar containing the type of *A. copeianum* Hay, he considered it the same as *A. tigrinum*, although it is recognized in his Batrachia of North America.

Ranodon (*GENUS*)

KESSLER, Bull. Soc. Natural. Moscou, Vol. 39, pt. 1, 1866, p. 130

TYPE: *sibiricus*

Ranodon olympicus GAIGE

Ranodon olympicus GAIGE
Occ. Papers Mus. Zoöl. Univ. Michigan, No. 40, May 30, 1917, p. 2, pl. 1.

TYPE LOCALITY: Lake Cushman, Washington.
RANGE: The Olympic Mts. Washington

PLETHODONTIDAE (*FAMILY*)

Batrachoseps (*GENUS*)

BONAPARTE, Iconogr. Fauna Italica, Vol. 2, fasc. 26, 1839, fol. 131 * * * (not paged)

TYPE: *attenuatus*

Batrachoseps attenuatus (ESCHSCHOLTZ)

Salamandrina attenuata ESCHSCHOLTZ
Zool. Atlas, Pt. 5, 1833, p. 1, pl. 21, figs. 1–14.
Batrachoseps attenuatus COOPER
Pacif. R. R. Surv., Vol. 12, pt. 3, 1858, Zoöl., p. viii, pl. 31, fig. 5.
Batrachoseps attenuatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 127, fig. 28.

TYPE LOCALITY: Environs of Bay of San Francisco, Cal.
RANGE: Southwestern Oregon, California, and Lower California.

Batrachoseps caudatus COPE

Batrachoseps caudatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 126, fig. 27.

TYPE LOCALITY: Hassler Harbor, Alaska. (Probably on Anette Island, S. E. Alaska.)
RANGE: Northern Channel Islands, Alaska.

Batrachoseps pacificus (COPE)

Hemidactylium pacificum COPE
Proc. Ac. Nat. Sci. Phila., 1865, p. 195.
Batrachoseps pacificus COPE
Proc. Ac. Nat. Sci. Phila., 1869, p. 99.
Batrachoseps pacificus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 129.

TYPE LOCALITY: Santa Barbara (?), Cal.
RANGE: Islands off the coast of California.

Batrachoseps major CAMP

Batrachoseps major CAMP
Univ. California Publ. Zoöl., Vol. 12, No. 12, Apr. 2, 1915, p. 327.

TYPE LOCALITY: Sierra Madre, 1,000 feet elevation, Los Angeles Co., California.

RANGE: Southwestern California.

Hemidactylium (*GENUS*)

TSCHUDI, Mém. Soc. Sci. Nat. Neuchâtel, 1838, p. 94

Hemidactylium scutatum (SCHLEGEL)

FOUR-TOED SALAMANDER

Salamandra scutata SCHLEGEL
Fauna Japonica, Saur. Batr., 1838, p. 119.
Hemidactylium scutatum TSCHUDI
Mém. Soc. Sci. Nat. Neuchâtel, 1838, p. 94.
Hemidactylium scutatum COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 130, fig. 29.

TYPE LOCALITY: Nashville, Tennessee.

RANGE: Massachusetts, southern Canada westward to Michigan, south to Georgia and the Gulf States, also Arkansas and Illinois.

Plethodon (*GENUS*)

TSCHUDI, Mém. Soc. Sci. Nat. Neuchâtel, 1838, p. 92
TYPE: *cinereus*

Plethodon aeneus COPE and Packard

Plethodon aeneus COPE and Packard
Amer. Nat., Vol. 15, 1881, p. 878.
Plethodon aeneus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 143, fig. 32.

TYPE LOCALITY: Nickajack Cave, southern Tennessee.

RANGE: Virginia to northern Georgia and Tennessee.

Plethodon croceater COPE

Plethodon croceater COPE
Proc. Ac. Nat. Sci. Phila., 1867, p. 210.
Plethodon croceater COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 150.

TYPE LOCALITY: Fort Tejon, California (?).

RANGE: Lower California, and California north to El Dorado County.

Plethodon dorsalis (COPE)[1]

Plethodon cinereus dorsalis COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 138.

TYPE LOCALITY: Salem, Massachusetts (?), and Louisville, Kentucky.

RANGE: Southern Illinois, southern Ohio, southern Indiana and western Kentucky.

Plethodon elongatus VAN DENBURGH

Plethodon elongatus VAN DENBURGH
Proc. California Ac. Sci., Ser. 4, Vol. 6, No. 7, May 12, 1916, p. 216.

TYPE LOCALITY: Requa, Del Norte Co., California.

RANGE: Requa, Del Norte Co., California.

Plethodon cinereus (GREEN)[2]

REDBACKED SALAMANDER; DUSKY SALAMANDER (NAMES FOR THE TWO COLOR PHASES)

Salamandra cinerea GREEN
Journ. Ac. Nat. Sci. Phila., Vol. 1, Pt. 2, Sept. 1818, p. 356.
Plethodon cinereus TSCHUDI
Mém. Soc. Sci. Nat. Neuchâtel, 1838, p. 92.
Plethodon cinereus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 133, fig. 30.

TYPE LOCALITY: New York in rocky situations.

RANGE: Eastern Canada and the states east of the Mississippi River, also Missouri.

Plethodon eschscholtzii (GRAY)

Ensatina eschscholtzii GRAY
Cat. Batr. Grad. Brit. Mus., 1850, p. 48.
Plethodon eschscholtzii GRINNELL and CAMP
Univ. California Publ. Zoöl., Vol. 17, July 11, 1917, p. 132.
Plethodon oregonensis COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 148, fig. 35.

TYPE LOCALITY: California.

RANGE: Puget Sound to Los Angeles, California.

[1] There is no evidence that Baird ever described this species which is generally credited to him. Cope (Proc. Ac. Nat. Sci. Phila., 1869, p. 100) mentions it as a variety of *Plethodon cinereus*, thus, "Var. γ. *dorsalis*, Baird, M.S. 3776. Louisville, Ky.; Salem, Mass." This reference is a *nomen nudum* pure and simple.

[2] Green described this species and also named the synonymous *erythronotus* upon the same page. It therefore remained for the first reviser to fix the correct name for the species. This Tschudi did in 1838.

Plethodon glutinosus (GREEN)

SLIMY SALAMANDER

Salamandra glutinosa GREEN
Journ. Ac. Nat. Sci. Phila., Vol. 1, Pt. 2, Sept. 1818, p. 357.
Plethodon glutinosus TSCHUDI
Mém. Soc. Sci. Nat. Neuchâtel, 1828, p. 92.
Plethodon glutinosus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 139, fig. 31.

TYPE LOCALITY: Not mentioned but obviously Princeton, New Jersey. Here Green lived, and he mentions often finding the creature under stones.

RANGE: Eastern Canada, New England to Wisconsin, south to Florida, the Gulf States to Texas and to Missouri.

Plethodon intermedius BAIRD

Plethodon intermedius BAIRD
Proc. Ac. Nat. Sci. Phila., 1867, p. 209.
Plethodon intermedius COPE [1]
Bull. U. S. Nat. Mus., No. 34, 1889, p. 145, fig. 33.

TYPE LOCALITY: Fort Tejon, California (?).

RANGE: Oregon, Washington, Vancouver Island.

Plethodon jordani BLATCHLEY

Plethodon jordani BLATCHLEY
25 Ann. Rep. Dept. Geol. Indiana, 1900 (1901), p. 762.

TYPE LOCALITY: Mt. Collins and Indian Pass, 3000–5000 feet altitude, Sevier Co., Tenn.

RANGE: Tennessee.

Plethodon metcalfi BRIMLEY

Plethodon metcalfi BRIMLEY
Proc. Biol. Soc. Washington, Vol. 25, Dec. 4, 1912, p. 138. pl. 6, figs. 1, 2, 4, 7–11.

TYPE LOCALITY: Sunburst, Haywood Co., North Carolina.

RANGE: Mountains of North Carolina.

Plethodon shermani STEJNEGER

Plethodon shermani STEJNEGER
Proc. U. S. Nat. Mus., Vol. 30, May 22, 1906, p. 559, fig. 1.

TYPE LOCALITY: [2] Wayah Bald Mountain, North Carolina.

RANGE: North Carolina to Georgia.

[1] The young of this species (in one of two color phases?) has appeared frequently in literature as *Plethodon crassulus* Cope, Proc. Amer. Philos. Soc., Vol. 23, 1886, p. 521; Bull. U. S. Nat. Mus., No. 34, 1889, p. 147, fig. 34

[2] Originally given as Nantahala Mt. between Andrews and Aquonne, North Carolina (*in errore*).

Plethodon vandykei VAN DENBURGH

Plethodon vandykei VAN DENBURGH
Proc. California Ac. Sci., Ser. 3, Zoöl. Vol. 4, March 14, 1906, p. 61.

TYPE LOCALITY: Paradise Valley, Mt. Ranier Park, Washington.

RANGE: Washington. (Known from type locality only).

Plethodon wehrlei FOWLER and DUNN

Plethodon wehrlei FOWLER and DUNN
Proc. Ac. Nat. Sci. Phila., Vol. 69, 1917, p. 23, pl. 4.

TYPE LOCALITY: Two Lick Hills, Indiana Co., Pennsylvania.

RANGE: Central and western Pennsylvania.

Plethodon yonahlossee DUNN

Plethodon yonahlossee DUNN
Bull. Amer. Mus. Nat. Hist., New York, Vol. 37, Oct. 13, 1917, p. 598.

TYPE LOCALITY: Near the Yonahlossee Road, about $1\frac{1}{2}$ miles from Linville, North Carolina, altitude 4200 feet.

RANGE: Wooded mountains near Linville, North Carolina.

Stereochilus (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1869, p. 100

TYPE: *marginatus*

Stereochilus marginatus (HALLOWELL)

Pseudotriton marginatus HALLOWELL
Proc. Ac. Nat. Sci. Phila., 1856, p. 130.
Stereochilus marginatum COPE
Proc. Ac. Nat. Sci. Phila., 1869, p. 101.
Stereochilus marginatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 152, fig. 36.

TYPE LOCALITY: Liberty Co., Georgia.

RANGE: North Carolina to Georgia.

Gyrinophilus (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1869, p. 108

TYPE: *porphyriticus*

Gyrinophilus danielsi (BLATCHLEY)

Spelerpes danielsi BLATCHLEY
25 Ann. Rep. Dept. Geol. Indiana, 1900, (1901), p. 760.
Gyrinophilus danielsi FOWLER and DUNN
Proc. Ac. Nat. Sci. Phila., Vol. 69, 1917, p. 19.

TYPE LOCALITY: Mt. Collins and Indian Pass, Sevier Co., Tennessee.
RANGE: North Carolina to Georgia, Tennessee.

Gyrinophilus porphyriticus (GREEN)

Salamandra porphyritica GREEN
Contr. Maclur. Lyc., Vol. 1, 1827, p. 3, pl. 1, fig. 2.
Gyrinophilus porphyriticus COPE
Proc. Ac. Nat. Sci. Phila., 1869, p. 108.
Gyrinophilus porphyriticus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 155, fig. 37.
TYPE LOCALITY: French Creek near Meadville, Crawford County, Pennsylvania.
RANGE: Southern Canada, southward through the eastern states to Kentucky; Ohio.

Manculus (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1869, p. 101
TYPE: *quadridigitatus*

Manculus quadridigitatus (HOLBROOK)
DWARF SALAMANDER

Salamandra quadridigitata HOLBROOK
N. Amer. Herp., Ed. 2, Vol. 5, 1842, p. 65, pl. 21.
Manculus quadridigitatus COPE
Proc. Ac. Nat. Sci. Phila., 1869, p. 101.
Manculus quadridigitatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 159, fig. 38.
TYPE LOCALITY: South Carolina, Georgia and Florida.
RANGE: North Carolina to Florida, Gulf States to Texas.

Manculus remifer COPE

Manculus remifer COPE
Rep. Peabody Ac. Salem, 1869–70 (1871), p. 84.
Manculus remifer COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 158.
TYPE LOCALITY: Jacksonville, Florida.
RANGE: Northern Florida.

Eurycea (*GENUS*)

RAFINESQUE, Kentucky Gazette, Lexington, N. S., Vol. 1, No. 9, Feb. 28, 1822, p. 3, column 6
TYPE: *lucifuga*

Eurycea bislineata (GREEN)

Salamandra bislineata GREEN
Journ. Ac. Nat. Sci. Phila., Vol. 1, Sept. 1818, p. 352.

Spelerpes bilineatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 163, fig. 40.

TYPE LOCALITY: Western Pennsylvania.

RANGE: Northern New England to Florida, Southern Canada, Lake Superior to Louisiana.

Eurycea gutto-lineata (HOLBROOK)

Salamandra gutto-lineata HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 2, 1838, p. 61, pl. 12.
Spelerpes guttolineatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 170, fig. 42.

TYPE LOCALITY: " Carolina, in the middle country."

RANGE: Virginia to Georgia, west to Alabama, Mississippi and Louisiana.

Eurycea longicauda (GREEN)

Salamandra longicauda GREEN
Journ. Ac. Nat. Sci. Phila., Vol. 1, Sept., 1818, p. 351.
Spelerpes longicaudus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 168, fig. 41.

TYPE LOCALITY: New Jersey (probably near Princeton).

RANGE: Southern New England to Florida and Louisiana, west to Kentucky, Ohio, Tennesee, Illinois and Missouri.

Eurycea lucifuga RAFINESQUE

Eurycea lucifuga RAFINESQUE
Kentucky Gazette, Lexington, (N. S.), Vol. 1, No. 9, Feb. 28, 1822, p. 3, column 6.
Gyrinophilus maculicaudus COPE
Amer. Nat., Vol. 24, 1890, p. 967.

TYPE LOCALITY: " Caves near Lexington, Kentucky."

RANGE: West Virginia to Tennessee and Kentucky, also Indiana, Illinois and Missouri.

Eurycea melanopleura (COPE)

Spelerpes melanopleurus COPE
Proc. Ac. Nat. Sci. Phila., 1893, p. 383.

TYPE LOCALITY: Raley's Creek, White River, Missouri.

RANGE: Missouri.

Eurycea montana (BAIRD)

Pseudotriton montanus BAIRD
Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 293.
Spelerpes ruber montanus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 179.

TYPE LOCALITY: South Mountain, near Carlisle, Penn.
RANGE: Mountains from Pennsylvania southward to the Carolinas and probably Georgia.

Eurycea multiplicata (COPE)

Spelerpes multiplicatus COPE
Proc. Ac. Nat. Sci. Phila., 1869, p. 106.
Spelerpes multiplicatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 162, fig. 39.

TYPE LOCALITY: Red River, in Eastern Oklahoma.
RANGE: Missouri and Kansas, through Arkansas to Oklahoma, and New Mexico.

Eurycea platycephala (CAMP)

Spelerpes platycephalus CAMP
Univ. California Publ. Zoöl., Vol. 17, Sept. 18, 1916, p. 11.

TYPE LOCALITY: Head of Lyell Canon, The Yosemite Nat. Park, California, 10,800 feet alt.
RANGE: Head of Lyell Canon, The Yosemite National Park, California, 10,800 feet alt.

Eurycea rubra rubra (SONNINI)

RED SALAMANDER

Salamandra rubra SONNINI
in Latreille, Hist. Nat. Rept., Vol. 4, 1802, p. 305.
Spelerpes ruber COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 172, fig. 43.

TYPE LOCALITY: United States.
RANGE: From New England to Florida westward to Louisiana, Tennessee, Wisconsin, Illinois, and Ohio.

Eurycea rubra schencki (BRIMLEY)

Spelerpes ruber schencki BRIMLEY
Proc. Biol. Soc. Washington, Vol. 25, Dec. 4, 1912, p. 139, pl. 7, figs. 12, 13, 15, 17, 18, 20–22.

TYPE LOCALITY: Sunburst, North Carolina, 3,200 feet.
RANGE: Mountains of North Carolina.

Eurycea stejnegeri (EIGENMANN)

Spelerpes stejnegeri EIGENMANN
Trans. Amer. Micr. Soc., Vol. 22, 1901, p. 189, pl. 28.

TYPE LOCALITY: Rock House Cave, Missouri.
RANGE: The Ozark Plateau.

Aneides [1] (*GENUS*)

BAIRD, Iconogr. Encycl., Vol. 2, 1849, Zoöl., p. 257

TYPE: *lugubris*

Aneides ferreus COPE

Anaides ferreus COPE
Proc. Ac. Nat. Sci. Phila., 1869, p. 109.
Autodax ferreus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 185, fig. 45.

TYPE LOCALITY: Fort Umpqua, Oregon.
RANGE: Northern California, Oregon.

Aneides iëcanus (COPE)

Plethodon iëcanus COPE
Proc. Ac. Nat. Sci. Phila., 1893, p. 24.
Aneides iëcanus GRINNELL and CAMP
Univ. Calif. Publ. Zoöl., Vol. 17, July 11, 1917, p. 135.
Autodax iëcanus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 187, fig. 46.

TYPE LOCALITY: Shasta Co., California.
RANGE: Northern California.

Aneides lugubris lugubris (HALLOWELL)

Salamandra lugubris HALLOWELL
Proc. Ac. Nat. Sci. Phila., Vol. 4, 1849, p. 126.
Aneides lugubris BAIRD
Iconogr. Encycl., Vol. 2, 1849, Zoöl., p. 257.
Autodax lugubris COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 183, fig. 44.

TYPE LOCALITY: "Island of Maui, one of the Sandwich Islands."
RANGE: California; the Coronados Islands, Mexico.

Aneides lugubris farallonensis (VAN DENBURGH)

Autodax lugubris farallonensis VAN DENBURGH
Proc. Cal. Ac. Sci., Ser. 3, Zoöl., Vol. 4, 1905, p. 5, pl. 2.
Aneides lugubris farallonensis GRINNELL and CAMP
Univ. Calif. Publ. Zoöl., Vol. 17, July 11, 1917, p. 135.

TYPE LOCALITY: South Farallon Island, California.
RANGE: The Farallon Islands.

[1] Generic name spelt also Anaides (p. 460 and Zoöl. p. 256) in same reference — but Anaides is preoc. by Anaides of Westwood, Proc. Ent. Soc. Lond., 1841, for a genus of Longicorn beetles. *Aneides* seems to have been the spelling intended.

Desmognathus (*GENUS*)

BAIRD, Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, pp. 282, 285

TYPE: *fuscus*

Desmognathus brimleyorum STEJNEGER

Desmognathus brimleyorum STEJNEGER
Proc. U. S. Nat. Mus., Vol. 17, May 11, 1895, p. 597.

TYPE LOCALITY: Hot Springs, Arkansas.
RANGE: Arkansas.

Desmognathus fuscus fuscus (RAFINESQUE)

Triturus fuscus RAFINESQUE
Ann. Nat., Lexington, No. 1, March 22, 1820, p. 4.
Desmognathus fuscus BAIRD
Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 285.
Desmognathus fusca fusca COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 194, fig. 48.

TYPE LOCALITY: Northern parts of State of New York.
RANGE: Southern Canada to the mountains of the Carolinas and Georgia.

Desmognathus fuscus auriculatus (HOLBROOK)

Salamandra auriculata HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 3, 1838, p. 115, pl. 28.
Desmognathus auriculatus BAIRD
Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 286.
Desmognathus fusca auriculata COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 195, fig. 49.

TYPE LOCALITY: Riceborough, Georgia.
RANGE: Lowlands from Virginia to Florida and the Gulf States.

Desmognathus monticola DUNN

Desmognathus monticola DUNN
Proc. Biol. Soc. Washington, Vol. 29, April 4, 1916, p. 73.

TYPE LOCALITY: Elk Lodge, near Brevard, North Carolina.
RANGE: From Virginia and West Virginia to Georgia. (In the mountains 500–4500 feet.)

Desmognathus ochrophaeus ochrophaeus (COPE)

Desmognathus ochrophaea COPE
Proc. Ac. Nat. Sci. Phila., 1859, p. 124.
Desmognathus ochrophaea COPE
Bull., U. S. Nat. Mus., No., 34, 1889, p. 191, fig. 47.

TYPE LOCALITY: Susquehanna Co., Penn.
RANGE: New Brunswick and Northern New York south to the mountains of Maryland.

Desmognathus ochrophaeus carolinensis DUNN

Desmognathus ochrophaeus carolinensis DUNN
Proc. Biol. Soc. Washington, Vol. 29, April 4, 1916, p. 74.

TYPE LOCALITY: Mt. Mitchell, North Carolina, over 6500 feet.
RANGE: West Virginia to Georgia (in the mountains).

Desmognathus quadra-maculatus (HOLBROOK)

Salamandra quadra-maculata HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 4, 1840, pl. 27. (The text p. 121 reads maculo-quadrata.)
Desmognathus quadrimaculata STEJNEGER
Proc. U. S. Nat. Mus., Vol. 26, Jan. 29, 1903, p. 557.

TYPE LOCALITY: Georgia and the Carolinas.
RANGE: Virginia to Georgia, in the mountains, 2000–6000 feet.

Leurognathus (*GENUS*)

MOORE, Proc. Ac. Nat. Sci. Phila., 1899, p. 316
TYPE: *marmoratus*

Leurognathus marmoratus MOORE

Leurognathus marmoratus MOORE
Proc. Ac. Nat. Sci. Phila., 1899, p. 316.

TYPE LOCALITY: South slope Grandfather Mt., North Carolina, 3500 feet.
RANGE: Mountains of North Carolina.

Typhlotriton (*GENUS*)

STEJNEGER, Proc. U.S. Nat. Mus., Vol. 15, 1892, p. 115
TYPE: *spelaeus*

Typhlotriton spelaeus STEJNEGER

Typhlotriton spelaeus STEJNEGER
Proc. U. S. Nat. Mus., Vol. 15, Aug. 2, 1892, p. 115, pl. 9.

TYPE LOCALITY: Rock House Cave, Missouri.
RANGE: Rock House Cave, Barry Co., Marble Cave, Stone Co., Doris Cave, Wright Cave, Missouri.

MEANTES (*SUBORDER*)

LINNÉ, Syst. Nat., Ed. 12, Vol. 1, Pt. 2, 1766, sign. Rrrr 5, Addenda (not paged)

SIRENIDAE (*FAMILY*)

Siren (*GENUS*)

LINNÉ, Syst. Nat., Ed. 12, Vol. 1, pt. 2, 1766, sign. Rrrr 5, Addenda (not paged)

TYPE: *lacertina*

Siren lacertina LINNÉ

MUD-EEL

Siren lacertina LINNÉ
Syst. Nat., Ed. 12, Vol. 1, pt. 2, 1766, sign. Rrrr 5, Addenda (not paged).

Siren lacertina COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 226, fig. 57.

TYPE LOCALITY: "Habitat in Carolinae paludosis."

RANGE: Eastern Virginia to Florida, through the Gulf States to the west side of the Rio Grande. Ascends the Mississippi Valley to Illinois and Indiana. Occurs in scattered localities in Arkansas and Missouri.

Pseudobranchus (*GENUS*)

GRAY, Ann. Philos. (N. S.), Vol. 10, 1825, p. 216

TYPE: *striatus*

Pseudobranchus striatus (LE CONTE)

Siren striata LE CONTE
Ann. Lyc. New York, Vol. 1, pt. 1, 1824, p. 53, pl. 4.

Pseudobranchus striatus GRAY
Ann. Philos., (N. S.), Vol. 10, 1825, p. 216.

Pseudobranchus striatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 230, fig. 58.

TYPE LOCALITY: Not given, but by inference it was one of the Le Conte plantations in Floyd or Liberty Co., Georgia.

RANGE: Swamps of southern South Carolina, lower Georgia and Florida.

SALIENTIA (*ORDER*)

LAURENTI, Syn. Rept., 1768, p. 24

COSTATA (*SUBORDER*)

LATASTE, Act. Soc. Linn. Bordeaux, Vol. 33, 1879, p. 339

DISCOGLOSSIDAE (*FAMILY*)

Ascaphus (*GENUS*)

STEJNEGER, Proc. U. S. Nat. Mus., Vol. 21, June 20, 1899, p. 899
TYPE: *truei*

Ascaphus truei STEJNEGER

Ascaphus truei STEJNEGER
Proc. U. S. Nat. Mus., Vol. 21, June 20, 1899, p. 900, figs. 1–4, pl. 89.

TYPE LOCALITY: Humptulips, Washington.
RANGE: Chehalis Co. and Pierce Co., Washington.

LINGUATA (*SUBORDER*)

GRAVENHORST, Thierreich, 1845, p. 43

SCAPHIOPODIDAE (*FAMILY*)

Scaphiopus (*GENUS*)

HOLBROOK, N. Amer. Herp., Ed. 1, Vol. 1, 1836, p. 85
TYPE: *solitarius* = holbrookii

Scaphiopus couchii BAIRD

Scaphiopus couchii BAIRD
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 62.
Scaphiopus couchii COPE
Bull. U. S. Nat. Mus., Vol. 34, 1889, p. 301, fig. 75.

TYPE LOCALITY: Rio Nasas, Coahuila and Matamoros, Tamaulipas, Mexico.
RANGE: Texas to Arizona, northern states of Mexico, Lower California.

Scaphiopus hammondii BAIRD

Scaphiopus Hammondii BAIRD
Rep. Pacif. R. R. Surv., Vol. 10, Pt. 4, 1875, p. 12, pl. 28, fig. 2.

Spea hammondii COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 303, fig. 77.

TYPE LOCALITY: Fort Reading, California.

RANGE: Western and southwestern states from Montana south to Texas and Mexico, and westward to the Pacific Coast states.

Scaphiopus holbrookii holbrookii [1] (HARLAN)

SPADEFOOT

Rana holbrookii HARLAN
Med. Phys. Researches, 1835, p. 105.
Scaphiopus holbrookii COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 298.

TYPE LOCALITY: South Carolina.

RANGE: Eastern states, Massachusetts to Florida, west to Louisiana, Texas to Arkansas.

Scaphiopus holbrookii albus (GARMAN)

Scaphiopus albus GARMAN
Proc. Amer. Ass. Adv. Sci., Buffalo, 1877, p. 194.

TYPE LOCALITY: Key West, Florida.

RANGE: Florida Keys and possibly the extreme southern part of the peninsula of Florida.

Scaphiopus hurterii STRECKER

Scaphiopus hurterii STRECKER
Proc. Biol. Soc. Washington, Vol. 23, July 23, 1910, p. 116, pl. 2, figs. 3–4.

TYPE LOCALITY: Waco, Texas.

RANGE: Texas.

BUFONIDAE (*FAMILY*)

Bufo (*GENUS*)

LAURENTI, Syn. Rept., 1768, p. 25

TYPE: *vulgaris* = bufo

Bufo alvarius GIRARD

Bufo alvarius GIRARD
U. S. Mex. Bound. Surv., Vol. 2, 1859, Rept., p. 26, pl. 41, figs. 1–6.
Bufo alvarius COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 265, fig. 62.

[1] This species usually appears in the literature as *Scaphiopus solitarius* Holbrook. Harlan's description appeared a year before Holbrook's but Harlan knew of Holbrook's discovery of the species for he writes (l. c.) "This new species, first figured and described by Dr. Holbrook (vide his valuable work on North American Reptiles), possesses very peculiar characters. . . ."

TYPE LOCALITY: Valley of the Gila and Colorado Rivers.
RANGE: Southern Arizona and Southern California.

Bufo americanus HOLBROOK
AMERICAN TOAD

Bufo americanus HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 1, 1836, p. 75, pl. 2.
Bufo lentiginosus americanus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 284. fig. 70.

TYPE LOCALITY: "From Maine through all the Atlantic States."
RANGE: Eastern North America from Hudson Bay Southward.

Bufo boreas boreas (BAIRD and GIRARD)

Bufo boreas BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 174.
Bufo columbiensis COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 267, fig. 63.

TYPE LOCALITY: Columbia River and Puget Sound.
RANGE: Colorado north and west to Puget Sound. Also British Columbia and southwestern Alaska to Prince William Sound.

Bufo boreas halophilus (BAIRD and GIRARD)

Bufo halophila BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1853, p. 301.
Bufo boreas halophilus CAMP
Univ. California Publ. Zoöl., Vol. 17, No. 9, Feb. 3, 1917, p. 116.
Bufo columbiensis halophilus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 269, fig. 64.

TYPE LOCALITY: Benicia, California.
RANGE: Western Nevada, California, and northern Lower California.

Bufo canorus CAMP

Bufo canorus CAMP
Univ. California Publ. Zoöl., Vol. 17, Nov. 17, 1916, p. 59.

TYPE LOCALITY: Porcupine Flat, Yosemite National Park, California.
RANGE: Region about Porcupine Flat, Yosemite National Park, California.

Bufo cognatus cognatus (SAY)

Bufo cognatus SAY
Long's Exp. Rocky Mts., Vol. 2, 1823, p. 190.
Bufo cognatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 275, fig. 67.

TYPE LOCALITY: Arkansas River, Prowers Co., Colorado.
RANGE: Arizona and Colorado to Texas, Arkansas to Kansas, southern Wyoming.

Bufo cognatus californicus CAMP

Bufo cognatus californicus CAMP
Univ. California Publ. Zoöl., Vol. 12, April 2, 1915, p. 331.

TYPE LOCALITY: Sta. Paula, Ventura Co., California.
RANGE: Southwestern California.

Bufo compactilis WIEGMANN

Bufo compactilis WIEGMANN
Isis, 1833, p. 661.
Bufo compactilis COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 272, fig. 65.

TYPE LOCALITY: Mexico.
RANGE: Northern Mexico, Texas, New Mexico and Arizona.

Bufo debilis GIRARD

Bufo debilis GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 87.
Bufo debilis COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 264, fig. 61.

TYPE LOCALITY: Lower part of the valley of the Rio Grande, Texas and in Tamaulipas, Mexico.
RANGE: Colorado south into the northern states of Mexico.

Bufo fowleri GARMAN

FOWLER'S TOAD

Bufo fowleri GARMAN
Bull. Essex Inst. Vol. 16, 1884, p. 42.
Bufo lentiginosus fowleri COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 279, fig. 68.

TYPE LOCALITY: "Manitoba to Winnipeg; Massachusetts."
RANGE: New England and New York, southward to Georgia, west to Michigan.

Bufo hemiophrys COPE

Bufo hemiophrys COPE
Proc. Amer. Philos. Soc., Vol. 23, 1886, p. 515.
Bufo hemiophrys COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 273, fig. 66.

TYPE LOCALITY: Pembina and Turtle Mountains, North Dakota.
RANGE: North Dakota and Manitoba.

Bufo punctatus BAIRD and GIRARD

Bufo punctatus BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 173.
Bufo punctatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 262, fig. 60.

TYPE LOCALITY: Rio San Pedro, tributary of the Rio Grande del Norte, Texas.

RANGE: Western Texas, Arizona, Utah, Southern California and Lower California.

Bufo quercicus HOLBROOK

Bufo quercicus HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 4, 1840, p. 109, pl. 22.
Bufo quercicus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 291, fig. 72.

TYPE LOCALITY: Charleston, South Carolina and Smithville, North Carolina.

RANGE: North Carolina to Alabama and Florida.

Bufo terrestris BONNATERRE

SOUTHERN TOAD

Bufo terrestris BONNATERRE
Tabl. Encycl. Méth. Erp., 1789, p. 8.
Bufo lentiginosus lentiginosus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 289. fig, 71.

TYPE LOCALITY: "La Caroline."

RANGE: The Carolinas to Florida, west to the Mississippi.

Bufo valliceps WIEGMANN

Bufo valliceps WIEGMANN
Isis, 1833, p. 657.
Bufo valliceps COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 292, fig. 73.

TYPE LOCALITY: Mexico.

RANGE: Louisiana, Texas south to Costa Rica.

Bufo woodhousii GIRARD

Bufo woodhousii GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 86.
Bufo lentiginosus woodhousei COPE
Bull. U. S. Nat. Mus., No. 34, 1889, 281, fig. 69.

TYPE LOCALITY: San Francisco Mt., Arizona.

RANGE: Texas to Kansas, Nebraska and Montana, west to Nevada, Arizona and southeastern California.

HYLIDAE (*FAMILY*)

Acris (*GENUS*)

DUMÉRIL and BIBRON, Erp. Gén., Vol. 8, 1841, p. 506

TYPE: *gryllus*

Acris gryllus (LE CONTE)

CRICKET-FROG

Rana gryllus LE CONTE
Ann. Lyc. New York, Vol. 1, Pt. 2, 1825, p. 282.
Acris gryllus DUMÉRIL and BIBRON
Erp. Gén., Vol. 8, 1841, p. 507.
Acris gryllus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 324, fig. 82.

TYPE LOCALITY: Not given.

RANGE: Florida to New York and Connecticut in the East; northward through the Central Valley from Louisiana and Texas to the Canadian Northwest Territories.

Pseudacris (*GENUS*)

FITZINGER, Syst. Rept., 1843, p. 31

TYPE: *nigrita*

Pseudacris feriarum (BAIRD)

Helocaetes feriarum BAIRD
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 60.
Pseudacris feriarum COPE
Proc. Ac. Nat. Sci. Phila., 1862, p. 157.
Chorophilus feriarum COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 339, fig. 86.

TYPE LOCALITY: Carlisle, Pennsylvania.

RANGE: Eastern United States, west to Illinois.

Pseudacris nigrita (LE CONTE)

Rana nigrita LE CONTE
Ann. Lyc. New York, Vol. 1, Pt. 2, 1825, p. 282.
Pseudacris nigrita GÜNTHER
Cat. Batr. Sal. Brit. Mus., 1858, p. 97.
Chorophilus nigritus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 337, fig. 85.

TYPE LOCALITY: Not given.

RANGE: South Carolina to Mississippi.

Pseudacris occidentalis (BAIRD and GIRARD)

Litoria occidentalis BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1853, p. 301.

Chorophilus occidentalis COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 335, fig. 84.

TYPE LOCALITY: The type was incorrectly stated to have come from San Francisco.

RANGE: Georgia and Florida, west to Arkansas and Texas.

Pseudacris ocularis (HOLBROOK)

Hylodes ocularis HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 3, 1838, p. 79, pl. 14.
Chorophilus ocularis COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 348.

TYPE LOCALITY: South Carolina and Georgia.

RANGE: Southeastern United States.

Pseudacris ornata (HOLBROOK)

Rana ornata HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 1, 1838, p. 97, pl. 16.
Chorophilus ornatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 333, fig. 83.

TYPE LOCALITY: Between the Cooper and Ashley Rivers, four miles from Charleston, South Carolina.

RANGE: South Carolina to Florida, west to Texas.

Pseudacris triseriata (WIED)

Hyla triseriata WIED
Reise Nord-Amer., Vol. 1, Pt. 4, 1838, p. 249.
Chorophilus triseriatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 342, fig. 87.

TYPE LOCALITY: Mt. Vernon, Ohio River, Indiana.

RANGE: Alleghany Mts. to New Mexico, Arizona and Idaho.

Pseudacris septentrionalis BOULENGER

Chorophilus septentrionalis BOULENGER
Cat. Batr. Sal. Brit. Mus., 1882, p. 335, pl. 23, fig. 1.

TYPE LOCALITY: Great Bear Lake, Canada.

RANGE: Canadian Northwestern swamp areas.

Hyla (*GENUS*)

LAURENTI, Syn. Rept., 1768, p. 32

TYPE: *viridis*

Hyla andersonii BAIRD

ANDERSON TREE-FROG

Hyla andersonii BAIRD
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 60.

Hyla andersonii COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 365, fig. 91, pl. 83, fig. 1.

TYPE LOCALITY: Anderson, South Carolina.

RANGE: White cedar swamps in Southern New Jersey, and South Carolina.

Hyla arenicolor COPE

Hyla arenicolor COPE
Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 6, July, 1866, p. 84.
Hyla arenicolor COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 369, fig. 93.

TYPE LOCALITY: Northern Sonora, Mexico.

RANGE: Most of the Southwestern United States from Utah to southern California, east to Texas and in Mexico south to Guadalajara and Toluca.

Hyla baudinii DUMÉRIL and BIBRON

Hyla baudinii DUMÉRIL and BIBRON
Erp. Gén., Vol. 8, 1841, p. 564.
Smilisca baudinii COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 379.

TYPE LOCALITY: Mexico.

RANGE: Central America north to southern Texas.

Hyla cinerea (SCHNEIDER)

Calamita cinereus SCHNEIDER
Hist. Amph., Vol. 1, 1799, p. 174.
Hyla cinerea GARMAN
Bull. Illinois State Lab. Nat. Hist., Vol. 3, 1892, p. 349.
Hyla carolinensis COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 366, fig. 92.

TYPE LOCALITY: "Inhabits Carolina."

RANGE: Virginia to Florida, west to Texas and northward up the Mississippi Valley to Southern Illinois.

Hyla crucifer WIED

SPRING-PEEPER

Hyla crucifer WIED
Reise Nord-Amer., Vol. 1, Pt. 5, 1838, p. 275.
Hyla pickeringii COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 352, fig. 88.

TYPE LOCALITY: Cantonment Leavenworth, "Kansas."

RANGE: New Brunswick to Manitoba, south to South Carolina, Louisiana, Arkansas and Kansas.

Hyla evittata MILLER

Hyla evittata MILLER
Proc. Biol. Soc. Washington, Vol. 13, 1899, p. 75.

TYPE LOCALITY: Four Mile Run, Virginia (near the City of Washington).

RANGE: Reed beds and lily pools along the Potomac and York Rivers, Virginia, also New Jersey.

Hyla eximia BAIRD

Hyla eximia BAIRD
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 61.
Hyla eximia COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 361.

TYPE LOCALITY: City of Mexico.

RANGE: Mexico and New Mexico.

Hyla femoralis LATREILLE

Hyla femoralis LATREILLE
Hist. Nat. Rept., Vol. 2, 1802, p. 181.
Hyla femoralis COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 371, fig. 94.

TYPE LOCALITY: Carolina.

RANGE: Carolinas to Florida and west to Texas.

Hyla gratiosa LE CONTE

Hyla gratiosa LE CONTE
Proc. Ac. Nat. Sci. Phila., 1856, p. 146, pl. 4.
Hyla gratiosa COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 377, fig. 96, pl. 83, fig. 5.

TYPE LOCALITY: "Lower country of Georgia," evidently one of the Le Conte plantations in Floyd or Liberty Counties.

RANGE: South Carolina to Florida and Mississippi.

Hyla regilla BAIRD and GIRARD

PACIFIC TREE TOAD

Hyla regilla BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 174.
Hyla regilla COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 355, fig. 89.

TYPE LOCALITY: "Sacramento River, in Oregon and Puget Sound."

RANGE: Vancouver Island and British Columbia to Lower California; Nevada.

Hyla squirella LATREILLE

Hyla squirella LATREILLE
Hist. Nat. Rept., Vol. 2, 1802, p. 181.
Hyla squirella COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 363, fig. 90.

TYPE LOCALITY: Carolina.

RANGE: Virginia to Florida, west to Texas, and northward up the Mississippi basin to Indiana.

Hyla versicolor versicolor LE CONTE

THE TREE TOAD, RAIN TOAD

Hyla versicolor LE CONTE
Ann. Lyc. New York, Vol. 1, Pt. 2, 1825, p. 281.
Hyla versicolor COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 373, fig. 95.

TYPE LOCALITY: "Northern States."

RANGE: Maine, Southern Canada, west to Minnesota, south to the Gulf States (Texas and Arkansas in part only).

Hyla versicolor chrysoscelis (COPE)

Hyla femoralis chrysoscelis COPE
Bull. U. S. Nat. Mus., No. 17, 1880, p. 29.
Hyla versicolor chrysoscelis STRECKER
Proc. Biol. Soc. Washington, Vol. 33, 1910, p. 117.

TYPE LOCALITY: Dallas, Texas.

RANGE: Southern Arkansas to east-central Texas.

LEPTODACTYLIDAE (*FAMILY*)

Eleutherodactylus (*GENUS*)

DUMÉRIL and BIBRON, Erp. Gén., Vol. 8, 1841, p. 620

TYPE: *martinicensis*

Eleutherodactylus latrans (COPE)

Lithodytes latrans COPE
Bull. U. S. Nat. Mus., No. 17, 1880, p. 25.[1]
Lithodytes latrans COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 316, fig. 80.

TYPE LOCALITY: Helotes, Bexar Co., Texas.

RANGE: Texas.

[1] Mocquard (Bull. Soc. Philo., Ser. 9, 1, 1899, p. 159) is inclined to believe that this species is a synonym of *Eleutherodactylus augusti* (Brocchi), but as yet there has been no actual comparison of material and it is perhaps better to keep them apart until such comparison can be made.

Eleutherodactylus ricordii (DUMÉRIL and BIBRON)

Hylodes ricordii DUMÉRIL and BIBRON
Erp. Gén., 8, 1841, p. 623.
Eleutherodactylus ricordii STEJNEGER
Shattuck's Bahama Islands, 1905, p. 331.
Lithodytes ricordii COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 318.

TYPE LOCALITY: Cuba.
RANGE: Bahama Islands, Cuba and Florida, north to Brevard Co. (probably accidentally introduced).

Syrrhophus (*GENUS*)

COPE: Amer. Nat., Vol. 12, 1878, p. 253
TYPE: *marnockii*

Syrrhophus campi STEJNEGER

Syrrhophus campi STEJNEGER
Proc. Biol. Soc. Washington, Vol. 28, June 29, 1915, p. 131.

TYPE LOCALITY: Brownsville, Texas.
RANGE: At present known from the type locality only.

Syrrhophus marnockii COPE

Syrrhophus marnockii COPE
Amer. Nat., Vol. 12, 1878, p. 253.
Syrrhophus marnochii COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 318, fig. 81.

TYPE LOCALITY: near San Antonio, Texas.
RANGE: Known from type locality only.

RANIDAE (*FAMILY*)

Rana (*GENUS*)

LINNÉ, Syst. Nat., Ed. 10, Vol. 1, 1758, p. 210
TYPE: *temporaria*

Rana areolata BAIRD and GIRARD

Rana areolata BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 173.
Rana areolata COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 409, fig. 103.

TYPE LOCALITY: Indianola, Texas.
RANGE: Georgia, Texas, Missouri, Indiana and Illinois.

Rana aesopus (COPE)

GOPHER-FROG

Rana areolata aesopus COPE
Proc. Amer. Philos. Soc., Vol. 23, Dec. 1886, p. 517.
Rana areolata aesopus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 412.

TYPE LOCALITY: Micanopy, Florida.

RANGE: Florida.

Rana aurora BAIRD and GIRARD

Rana aurora BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 174.
Rana agilis aurora COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 439, fig. 113.

TYPE LOCALITY: Puget Sound.

RANGE: California to Washington, Vancouver Island.

Rana boylii boylii (BAIRD)

Rana boylii BAIRD
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 62.
Rana boylii boylii CAMP
Univ. California Publ. Zoöl., Vol. 17, No. 9, Feb. 3, 1917, p. 117.
Rana boylii COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 444, fig. 115.

TYPE LOCALITY: El Dorado Co., California.

RANGE: California and southwestern Oregon.

Rana boylii muscosa CAMP

Rana boylii muscosa CAMP
Univ. Calif. Publ. Zoöl., Vol. 17, No. 9, Feb. 3, 1917, p. 118.

TYPE LOCALITY: Arroyo Seco Cañon, at about 1300 feet altitude, near Pasadena, California.

RANGE: California: San Gabriel, San Bernadino and San Jacinto Mts.

Rana boylii sierrae CAMP

Rana boylii sierrae CAMP
Univ. Calif. Publ. Zoöl., Vol. 17, No. 9, Feb. 3, 1917, p. 120.

TYPE LOCALITY: Matlock Lake, Sierra Nevada, Inyo Co., California, 10,500 feet altitude.

RANGE: Southern half of Sierra Nevada, above 7,000 feet altitude, California.

Rana cantabrigensis cantabrigensis (BAIRD)

Rana cantabrigensis BAIRD
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 62.

Rana cantabridgensis cantabrigensis COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 436, fig. 110.

TYPE LOCALITY: Cambridge, Mass. (in errore).

RANGE: Illinois and Minnesota northward in Canada to James Bay in the east to Great Slave Lake in the west.

Rana cantabrigensis latiremis COPE

Rana cantabridgensis latiremis COPE
Proc. Amer. Philos. Soc., Vol. 23, 1886, p. 520.
Rana cantabrigensis latiremis COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 435, fig. 111.

TYPE LOCALITY: Lake Alloknagik, Alaska.

RANGE: Alaska, southeastward to the region of Great Slave Lake.

Rana catesbeiana SHAW

BULLFROG

Rana catesbeiana SHAW
Gen. Zool., Vol. 3, Pt. 1, 1802, p. 106, pl. 33.
Rana catesbiana COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 424, fig. 108.

TYPE LOCALITY: Shaw evidently knew of the Bull Frog, principally from Catesby, but he only speaks of it as being North American and apparently saw no actual specimens himself.

RANGE: Widespread in North America, east of the Rocky Mountains.

Rana clamitans LATREILLE

GREEN FROG, SPRING-FROG

Rana clamitans LATREILLE
Hist. Nat. Rept., Vol. 2, 1802, p. 157.
Rana clamata COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 419, pl. 107.

TYPE LOCALITY: Charleston, South Carolina.

RANGE: Eastern North America. Canada to Florida and Louisiana, west to Michigan, Illinois and Arkansas.

Rana draytonii BAIRD and GIRARD

Rana draytonii BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 174.
Rana draytoni COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 441, fig. 114.

TYPE LOCALITY: San Francisco, and the Columbia River.

RANGE: Oregon, California and Lower California.

Rana grylio STEJNEGER

Rana grylio STEJNEGER
Proc. U. S. Nat. Mus., Vol. 24, Oct. 4, 1901, p. 212.

TYPE LOCALITY: Bay St. Louis, Mississippi.

RANGE: Southern Mississippi to peninsular Florida.

Rana onca COPE

Rana onca COPE
in Wheeler's Rep. Expl. W. 100th Mer., Vol. 5, Zoöl. 1875, p. 528, pl. 25, figs. 1–3.

Rana draytoni onca COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 443.

TYPE LOCALITY: Utah.

RANGE: Utah and Nevada.

Rana palustris LE CONTE

PICKEREL–FROG

Rana palustris LE CONTE
Ann. Lyc. New York, Vol. 1, Pt. 2, 1825, p. 282.

Rana palustris COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 406, fig. 102.

TYPE LOCALITY: Not given.

RANGE: Hudson Bay south to Arkansas and Louisiana and all of the Eastern States.

Rana pipiens SCHREBER

LEOPARD–FROG

Rana pipiens SCHREBER
Naturforscher, Vol. 18, 1782, p. 185, pl. 4.

Rana virescens COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 397.

TYPE LOCALITY: Pennsylvania.

RANGE: North America, east of the Sierras southward into Mexico.

Rana pretiosa pretiosa (BAIRD and GIRARD)

Rana pretiosa BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1853, p. 378.

Rana temporaria pretiosa COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 432, fig. 110.

TYPE LOCALITY: Puget Sound, Washington.

RANGE: Utah and Montana west to the Pacific Coast, California to British Columbia.

Rana pretiosa luteiventris THOMPSON

Rana pretiosa luteiventris THOMPSON
Proc. Biol. Soc. Washington, Vol. 26, March 22, 1913, p. 53.

TYPE LOCALITY: Anne Creek, Elko Co., Nevada.
RANGE: Eureka and Elko Cos., Nevada.

Rana septentrionalis BAIRD

MINK–FROG

Rana septentrionalis BAIRD
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 61.
Rana septentrionalis COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 416, fig. 106, pl. 86.

TYPE LOCALITY: Northern Minnesota.
RANGE: Northern New England and northern New York, west through Michigan to Minnesota, Canada northward to Hudson Bay.

Rana sphenocephala (COPE)

SOUTHERN LEOPARD–FROG

Rana halecina sphenocephala COPE
Proc. Amer. Philos. Soc., Vol. 23, Dec. 1886, p. 517.
Rana virescens sphenocephala COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 399, fig. 99.

TYPE LOCALITY: Near St. John's River, Florida.
RANGE: Southeastern States

Rana sylvatica LE CONTE

WOOD–FROG

Rana sylvatica LE CONTE
Ann. Lyc. New York, Vol. 1, Pt. 2, 1825, p. 282.
Rana silvatica COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 447, fig. 115.

TYPE LOCALITY: Not stated.
RANGE: Quebec and Nova Scotia to South Carolina westward to the Great Plains.

Rana virgatipes COPE

SPHAGNUM–FROG

Rana virgatipes COPE
Amer. Nat., Vol. 30, 1891, p. 1017.

TYPE LOCALITY: Near Atlantic City, New Jersey.
RANGE: New Jersey to North Carolina.

BREVICIPITIDAE (*FAMILY*)

Gastrophryne (*GENUS*)

FITZINGER, Syst. Rept., 1843, p. 33

TYPE: *rugosa* = carolinensis

Gastrophryne areolata (STRECKER)

Engystoma areolata STRECKER
Proc. Biol. Soc. Washington, Vol. 22, June 25, 1909, p. 118.

TYPE LOCALITY: Guadalupe River bottom, Victoria, Victoria Co., Texas.

RANGE: Southeastern Texas.

Gastrophryne carolinensis (HOLBROOK)

Engystoma carolinense HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 1, 1836, p. 83, pl. 11.
Engystoma carolinense COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 385, fig. 97.

TYPE LOCALITY: Charleston, South Carolina.

RANGE: Virginia to Florida, Gulf States to Texas, northward through Central Valley to southern Indiana.

Gastrophryne texensis (GIRARD)

Engystoma texense GIRARD
Proc. Ac. Nat. Sci. Phila., 1859, p. 169.
Engystoma carolinense (part), COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 385.

TYPE LOCALITY: Rio Seco, Texas.

RANGE: Texas.

Hypopachus (*GENUS*)

KEFERSTEIN, Nachr. Ges. Wiss. Göttingen, July 24, 1867, p. 351

TYPE: *seebachii* = variolosus

Hypopachus cuneus COPE

Hypopachus cuneus COPE
Proc. U. S. Nat. Mus., Vol. 11, July 5, 1889, p. 395.
Hypopachus cuneus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 388, fig. 98.

TYPE LOCALITY: San Diego, Duval Co., Texas.

RANGE: Southern Texas.

REPTILIA (*CLASS*)

LAURENTI, Syn. Rept., 1768, p. 19

DIAPSIDA (*SUBCLASS*)

OSBORN, Science (N. S.), Vol. 17, Feb. 13, 1903, p. 276

LORICATA (*ORDER*)

MERREM, Syst. Amph., 1820, p. 34

CROCODYLIDAE (*FAMILY*)

Crocodylus (*GENUS*)

LAURENTI, Syn. Rept., 1768, p. 53

TYPE: *niloticus* = Lacerta crocodilus Linné in part

Crocodylus acutus CUVIER

CROCODILE

Crocodilus acutus CUVIER
Ann. Mus. Hist. Nat. Paris, Vol. 10, 1807, p. 55, pl. 1, fig. 3, pl. 2, fig. 5.

Crocodilus americanus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 173, fig. 2.

TYPE LOCALITY: San Domingo.

RANGE: Southern Florida, The Greater Antilles (except Porto Rico), both coasts of Central America from Mexico to Equador and Columbia.

Alligator (*GENUS*)

CUVIER, Ann. Mus. Hist. Nat. Paris, Vol. 10, 1807, p. 25

TYPE: *lucius* = Lacerta alligator Blumenbach, 1788, in part = mississipiensis

Alligator mississipiensis (DAUDIN)

ALLIGATOR

Crocodilus mississipiensis DAUDIN
Hist. Nat. Rept., Vol. 2, 1803, p. 412.

Alligator missisipensis [sic] GRAY
Syn. Rept., 1831, p. 62.
Aligator mississippiensis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 168, fig. 1.

TYPE LOCALITY: "Les bords du Mississippi."

RANGE: Rivers and swamps of the lowlands of the Carolinas, Georgia and Florida, west to Louisiana, Mississippi and westward to the Rio Grande in Texas.

SQUAMATA (*ORDER*)

OPPEL, Ordn. Rept. 1811, p. 14

SAURIA (*SUBORDER*)

MACARTNEY, in Ross' Transl. Cuvier's Lect. Comp. Anat., 1802, Vol. 1, table 3

GEKKONIDAE (*FAMILY*)

Phyllodactylus (*GENUS*)

GRAY, Spicileg. Zool., 1830, p. 3

TYPE: *pulcher*

Phyllodactylus tuberculosus WIEGMANN

Phyllodactylus tuberculosus WIEGMANN
Nova Acta Ac. Leop.-Carol., Vol. 17, 1835, p. 241, pl. 18, fig. 2–2a.
Phyllodactylus tuberculosus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 458, fig. 83.

TYPE LOCALITY: "Californien."

RANGE: Western Mexico and Lower California.

Phyllodactylus unctus (COPE)

Diplodactylus unctus COPE
Proc. Ac. Nat. Sci. Phila., 1863, p. 102.
Phyllodactylus (Diplodactylus) unctus BOCOURT
Miss. Sci. Mexique, Rept., Pt. 2, 1873, p. 43.
Phyllodactylus unctus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 460, fig. 84.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Peninsula of Lower California.

Spaerodactylus (*GENUS*)

WAGLER, Syst. Amph., 1830, p. 143

TYPE: *sputator*

Sphaerodactylus notatus BAIRD

Sphaeriodactylus notatus BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 254.
Sphaerodactylus notatus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 462, fig. 85.

TYPE LOCALITY: Key West, Florida.
RANGE: Bahama Islands, Cuba, also southern Florida and the Keys (perhaps introduced by commerce).

EUBLEPHARIDAE (*FAMILY*)

Coleonyx (*GENUS*)

GRAY, Ann. Mag. Nat. Hist., Vol. 16, 1845, p. 162

TYPE: *elegans*

Coleonyx brevis STEJNEGER

Coleonyx brevis STEJNEGER
N. Amer. Fauna, No. 7, 1893, p. 163.
Eublepharis variegatus (part) COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), fig. 86.

TYPE LOCALITY: Helotes, Bexar Co., Texas.
RANGE: Texas.

Coleonyx variegatus (BAIRD)

Stenodactylus variegatus BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 254.
Coleonyx variegatus COPE
Proc. Ac. Nat. Sci. Phila., 1866, p. 125.
Eublepharis variegatus (part) COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 466.

TYPE LOCALITY: Rio Grande and Gila Valleys.
RANGE: Texas to California.

IGUANIDAE (*FAMILY*)

Anolis (*GENUS*)

DAUDIN, Hist. Nat. Rept., Vol. 4, 1803, p. 50

TYPE: *bullaris* = carolinensis

Anolis carolinensis VOIGT

"CHAMELEON." ANOLIS

Anolius carolinensis VOIGT
Cuvier's Thierreich, Vol. 2, 1832, p. 71.

Anolis carolinensis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 233, fig. 16.

TYPE LOCALITY: Carolina.

RANGE: North Carolina to Florida, westward through the Gulf region to the Rio Grande.

Ctenosaura (*GENUS*)

WIEGMANN, Isis, 1828, p. 371

TYPE: *cycluroides*

Ctenosaura hemilopha COPE

Ctenosaura hemilopha COPE
Proc. Ac. Nat. Sci. Phila., 1863, p. 105.

Ctenosaura hemilopha COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 238, fig. 17.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Cape region of Lower California.

Ctenosaura multispinis COPE

Ctenosaura multispinis COPE
Proc. Amer. Philos. Soc., Vol. 23, 1885, p. 267.

Ctenosaura multispinis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 240.

TYPE LOCALITY: Dondomuigvillo (sic) = Dondomuiguillo, Oaxaca and Batopilas, Chihuahua.

RANGE: Mexico northward to Southern Arizona.

Dipsosaurus (*GENUS*)

HALLOWELL, Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 92

TYPE: *dorsalis*

Dipsosaurus dorsalis (BAIRD and GIRARD)

Crotaphytus dorsalis BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 126.

Dipsosaurus dorsalis HALLOWELL
Proc. Ac. Nat. Sci. Phila., vol. 7, 1854, p. 92.
Dipsosaurus dorsalis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 243, fig. 18.

TYPE LOCALITY: Colorado Desert, California.

RANGE: From Cape St. Lucas north along Gulf Coast of Lower California to the Colorado and Mojave Deserts, east to the Colorado River.

Crotaphytus (*GENUS*)

HOLBROOK, N. Amer. Herp., Ed. 2, Vol. 2, 1842, p. 79
TYPE: *collaris*

Crotaphytus collaris collaris (SAY)

COLLARED LIZARD, MOUNTAIN BOOMER

Agama collaris SAY
Long's Exp. Rocky Mts., Vol. 2, 1823, p. 252.
Crotaphytus collaris HOLBROOK
N. Amer. Herp. Ed. 2, Vol. 2, 1842, p. 79, pl. 10.
Crotaphytus collaris (part) COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 248.

TYPE LOCALITY: Verdigris River near its union with the Arkansas River, Oklahoma.

RANGE: Arkansas south to Middle-western and Northwestern Texas and west to Eastern New Mexico.

Crotaphytus collaris baileyi (STEJNEGER)

Crotaphytus baileyi STEJNEGER
N. Amer. Fauna, No. 3, 1890, p. 103, pl. 12, fig. 1.
Crotaphytus collaris baileyi STONE
Proc. Ac. Nat. Sci. Phila., 1903, p. 30.
Crotaphytus collaris (part) COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 250, fig. 19.

TYPE LOCALITY: Painted Desert, Arizona.

RANGE: Southwestern Texas, southern and western New Mexico, Arizona, Utah, Nevada, Idaho, southwestern California, northern Mexico.

Crotaphytus copeii YARROW

Crotaphytus copeii YARROW
Proc. U. S. Nat. Mus., Vol. 5, 1882, p. 441.
Crotaphytus wislizenii (part) COPE
Am. Rep. U. S. Mus. 1898 (1900), p. 255.

TYPE LOCALITY: La Paz, Lower California.

RANGE: Southern Lower California, Cerros and Tiburon Islands.

Crotaphytus reticulatus Baird

Crotaphytus reticulatus Baird
Proc. Ac. Nat. Sci. Phila., 1858, p. 253.
Crotaphytus reticulatus Cope
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 254, fig. 20.

TYPE LOCALITY: Laredo and Ringgold Barracks, Texas.
RANGE: Extreme southwestern Texas.

Crotaphytus silus Stejneger

Crotaphytus silus Stejneger
N. Amer. Fauna, No. 3, 1890, p. 105.
Crotaphytus wislizenii (part) Cope
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 255.

TYPE LOCALITY: Fresno, California.
RANGE: San Joaquin Valley, California, Washington.

Crotaphytus wislizenii Baird and Girard

LEOPARD LIZARD

Crotaphytus wislizenii Baird and Girard
Stansbury's Expl. Surv. Great Salt Lake, 1852, p. 340, pl. 3.
Crotaplytus wislizenii (part) Cope
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 255, fig. 21.

TYPE LOCALITY: Near Santa Fé, New Mexico.
RANGE: Northern Idaho, Nevada and Utah, southward into Mexico, Lower and southern California.

Sauromalus (*GENUS*)

Duméril, Arch. Mus. Hist. Nat. Paris, Vol. 8, 1856, p. 535

TYPE: *ater*

Sauromalus ater Duméril

CHUCK-WALLA

Sauromalus ater Duméril
Arch. Mus. Hist. Nat. Paris, Vol., 8, 1856, p. 536, pl. 23, fig. 3.
Sauromalus ater Cope
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 266, fig. 23.

TYPE LOCALITY: Unknown.
RANGE: Southern Nevada, southwestern Utah, Arizona, southern and Lower California.

Sauromalus hispidus Stejneger

Sauromalus hispidus Stejneger
Proc. U. S. Nat. Mus., Vol. 14, Oct. 27, 1891, p. 409.
Sauromalus hispidus Cope
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 264, fig. 22.

TYPE LOCALITY: Angel de la Guardia Island, Gulf of California.
RANGE: Same as type locality.

Callisaurus (*GENUS*)

BLAINVILLE, Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 286
TYPE: *draconoides*

Callisaurus crinitus COPE

Callisaurus crinitus COPE
Amer. Nat., Vol. 30, Dec. 5, 1896, p. 1049.

TYPE LOCALITY: Ballenas Bay, Lower California.
RANGE: Ballenas Bay, Lower California.

Callisaurus draconoides BLAINVILLE

Callisaurus draconoides BLAINVILLE
Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 286, pl. 24, fig. 2.
Callisaurus draconoides COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 269, fig. 24.

TYPE LOCALITY: California.
RANGE: Southern Lower California.

Callisaurus ventralis ventralis (HALLOWELL)
GRIDIRON-TAILED LIZARD

Homalosaurus ventralis HALLOWELL
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 179.
Callisaurus ventralis BAIRD
U. S. Mex. Bound. Surv., Vol. 1, Pt. 2, 1859, Rept., p. 8.
Callisaurus draconoides ventralis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 272, fig. 25.

TYPE LOCALITY: New Mexico west of Rio Grande.
RANGE: Texas to California, north to Nevada, southward into Mexico at least to Guaymas.

Callisaurus ventralis myurus RICHARDSON

Callisaurus ventralis myurus RICHARDSON
Proc. U. S. Nat. Mus., Vol. 48, Jan. 19, 1915, p. 408.

TYPE LOCALITY: Pyramid Lake Indian Agency, Nevada.
RANGE: Region about Pyramid Lake, Nevada.

Callisaurus notatus (BAIRD)

Uma notata BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 253.
Callisaurus notatus COPE
Amer. Nat. Vol. 30, 1896, p. 1049.

Uma notata COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 277, fig. 27.

TYPE LOCALITY: Mojave Desert, California.
RANGE: Yuma and Mojave Deserts.

Callisaurus scoparius (COPE) [1]

Uma scoparia COPE
Amer. Nat., Vol. 28, 1894, p. 435, figs. 3–4.
Uma scoparia COPE
Ann. Rep. U. S. Nat. Mus., 1898, (1900), p. 282, fig. 29.

TYPE LOCALITY: Tucson, Arizona.
RANGE: Arizona Deserts.

Holbrookia (*GENUS*)

GIRARD, Proc. Amer. Assoc. Adv. Sci., New Haven, Vol. 4, 1851, p. 201
TYPE: *maculata*

Holbrookia maculata maculata (GIRARD)

Holbrookia maculata GIRARD
Proc. Amer. Assoc. Adv. Sci., New Haven, Vol. 4, 1851, p. 201.
Holbrookia maculata maculata COPE
Ann. Rept. U. S. Nat. Mus. 1898 (1900), p. 293, fig. 33.

TYPE LOCALITY: Opposite Grand Island, Platte River, Colorado.
RANGE: Northern Texas west to Arizona and northward to Wyoming and Nebraska.

Holbrookia maculata approximans (BAIRD)

Holbrookia approximans BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 253.
Holbrookia maculata approximans STEJNEGER
N. Amer. Fauna, No. 3, 1890, p. 109.
Holbrookia maculata approximans COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 297.

TYPE LOCALITY: "Lower Rio Grande."
RANGE: Southern New Mexico and Arizona, south into northern Mexico.

Holbrookia maculata flavilenta COPE

Holbrookia maculata flavilenta COPE
Proc. Ac. Nat. Sci. Phila., 1883, p. 10.
Holbrookia maculata flavilenta COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 298, fig. 34.

[1] In the original description Cope says "I name the specimen from Tucson *Uma scopifera*" but a few lines later calls it *Uma scoparia* and does so in all later publications.

TYPE LOCALITY: Lake Valley, southern New Mexico.
RANGE: Southern New Mexico, southern and western Arizona.

Holbrookia maculata lacerata (COPE)

Holbrookia lacerata COPE
Bull. U. S. Nat. Mus., No. 17, 1880, p. 15.
Holbrookia maculata lacerata STEJNEGER
N. Amer. Fauna, No. 3, 1890, p. 109.
Holbrookia maculata lacerata COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 292, fig. 32.

TYPE LOCALITY: Erath Co.; west of the Upper Brazos, Comanche Co.; on the Guadalupe River in Kendal or Comal Co.
RANGE: Texas, middle district east of the plains and west of the timbered region, from the northern boundary south to the Rio Grande.

Holbrookia propinqua BAIRD and GIRARD

Holbrookia propinqua BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 126.
Holbrookia propinqua COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 289, fig. 31.

TYPE LOCALITY: Between Indianola and San Antonio, Texas.
RANGE: Texas.

Holbrookia texana (TROSCHEL)

Cophosaurus texanus TROSCHEL
Arch. Naturg. Vol. 1, 1850 (1852), p. 389, pl. 6.
Holbrookia texana BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 124.
Holbrookia texana COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 286, fig. 30.

TYPE LOCALITY: The German colony of Neubraunfels, on the Guadalupe River in Western Texas, Lat. 28° N.
RANGE: Texas and eastern New Mexico.

Uta (*GENUS*)

BAIRD and GIRARD, Stansbury's Expl. Surv. Vall. Great Salt Lake, 1852, p. 345

TYPE: *stansburiana*

Uta auriculata COPE

Uta auriculata COPE
Proc. Boston Soc. Nat. Hist., Vol. 14, 1871, p. 303.

TYPE LOCALITY: Socorro Island, Revilla Gigedo Archipelago, Mexico.
RANGE: The type locality.

Uta clarionensis TOWNSEND

Uta clarionensis TOWNSEND
Proc. U. S. Nat. Mus., Vol. 13, Sept. 9, 1890, p. 143.

TYPE LOCALITY: Clarion Island, Revilla Gigedo Archipelago, Mexico.

RANGE: Same as type locality.

Uta graciosa (HALLOWELL)

Urosaurus graciosus HALLOWELL
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 92.

Uta graciosa BAIRD
U. S. Mexican Bound. Surv., Vol. 2, Pt. 2, 1859, Rept., p. 7.

Uta graciosa COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 325, fig. 46.

TYPE LOCALITY: "Lower California" — with the intention of saying southern California.

RANGE: Southern California, Arizona, Nevada.

Uta levis STEJNEGER

Uta levis STEJNEGER
N. Amer. Fauna, No. 3, 1890, p. 108.

Uta levis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 313, fig. 40.

TYPE LOCALITY: Tierra Amarilla, New Mexico.

RANGE: New Mexico.

Uta martinensis VAN DENBURGH

Uta martinensis VAN DENBURGH
Proc. California Ac. Sci., Ser. 3, Vol. 4, 1905, p. 18, pl. 6.

TYPE LOCALITY: San Martin Island, Lower California.

RANGE: San Martin Island.

Uta mearnsi STEJNEGER

Uta mearnsi STEJNEGER
Proc. U. S. Nat. Mus., Vol. 17, Nov. 30, 1894, p. 589.

Uta mearnsii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 304, fig. 37.

TYPE LOCALITY: Summit of the Coast Range, Mexican Boundary of California.

RANGE: Boundary region of southern and Lower California.

Uta microscutata VAN DENBURGH

Uta microscutata VAN DENBURGH
Proc. California Ac. Sci., Ser. 2, Vol. 4, 1894, p. 298.

Uta parviscutata COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 324, fig. 45.
TYPE LOCALITY: San Pedro Martir Mountains, Lower California.
RANGE: San Pedro Martir Mountains and San José Island, Lower California.

Uta nigricauda COPE

Uta nigricauda COPE
Proc. Ac. Nat. Sci. Phila., 1864, p. 176.
Uta nigricauda COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 322, fig. 44.
TYPE LOCALITY: Cape St. Lucas, Lower California.
RANGE: Southern Lower California.

Uta ornata BAIRD and GIRARD

Uta ornata BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 126.
Uta ornata COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 315, fig. 41.
TYPE LOCALITY: Rio San Pedro, Texas, and Sonora.
RANGE: Utah, Nevada, western Texas west to southern California, northern Mexico.

Uta palmeri STEJNEGER

Uta palmeri STEJNEGER
N. Amer. Fauna, No. 3, 1890, p. 106.
Uta palmerii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 313, fig. 39.
TYPE LOCALITY: San Pedro Martir Island, Gulf of California.
RANGE: San Pedro Martir Island, Gulf of California.

Uta repens VAN DENBURGH

Uta repens VAN DENBURGH
Proc. California Ac. Sci., Ser. 2, Vol. 5, 1895, p. 102, pl. 7–8, figs. a–e.
Uta repens COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 303, fig. 36.
TYPE LOCALITY: Comondu, Lower California.
RANGE: Lower California.

Uta stansburiana stansburiana (BAIRD and GIRARD)

Uta stansburiana BAIRD and GIRARD
Stansbury's Expl. Surv. Vall. Great Salt Lake, 1852, p. 345, pl. 5, figs. 4–6.
Uta stansburiana COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 306, fig. 38.

TYPE LOCALITY: Salt Lake Valley.
RANGE: Parts of Utah, Idaho, Nevada and southern California.

Uta stansburiana elegans (YARROW)

Uta elegans YARROW
Proc. U. S. Nat. Mus., Vol. 5, Sept. 29, 1882, p. 442.
Uta stansburiana elegans RICHARDSON
Proc. U. S. Nat. Mus., Vol. 48, Jan. 19, 1915, p. 413.

TYPE LOCALITY: La Paz, Lower California.
RANGE: Southern and Lower California, Arizona, New Mexico, Texas, and parts of northern Mexico (in deserts).

Uta stansburiana hesperis RICHARDSON

Uta stansburiana hesperis RICHARDSON
Proc. U. S. Nat. Mus., Vol. 48, Jan. 19, 1915, p. 415.

TYPE LOCALITY: Arroyo Seco Cañon, near Pasadena, Los Angeles County, California.
RANGE: Coast region of southern California.

Uta stellata VAN DENBURGH

Uta stellata VAN DENBURGH
Proc. California Ac. Sci., Ser. 3, Vol. 4, 1905, p. 21, pl. 8.

TYPE LOCALITY: San Benito Island, Lower California.
RANGE: The type locality.

Uta symmetrica BAIRD

Uta symmetrica BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 253.
Uta symmetrica COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 317, fig. 42.

TYPE LOCALITY: Fort Yuma, Arizona.
RANGE: Southern Arizona, Southeastern California.

Uta thalassina COPE

Uta thalassina COPE
Proc. Ac. Nat. Sci. Phila., 1863, p. 104.
Uta thalassina COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 301, fig. 35.

TYPE LOCALITY: Cape St. Lucas, Lower California.
RANGE: Southern Lower California.

Sceloporus (*GENUS*)

WIEGMANN, Isis, 1828, p. 369

TYPE: *torquatus*

Sceloporus clarkii BAIRD and GIRARD

Sceloporus clarkii BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 127.
Sceloporus clarkii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 358, fig. 54.

TYPE LOCALITY: Sonora.

RANGE: New Mexico, Arizona, and Northern Mexico.

Sceloporus consobrinus consobrinus (BAIRD and GIRARD)

Sceloporus consobrinus BAIRD and GIRARD
Marcy's Expl. Red River, 1853, Rept., p. 237, Zoöl., pl. 10, figs. 5–12.
Sceloporus undulatus consobrinus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 377, fig. 60.

TYPE LOCALITY: Oklahoma, Roger Mills Co., Red River.

RANGE: The Dakotas, southward to Texas and westward to California.

Sceloporus consobrinus garmani (BOULENGER)

Sceloporus garmani BOULENGER
Proc. Zool. Soc. London, 1882, p. 761, pl. 56.

TYPE LOCALITY: Near Pine Ridge, South Dakota.

RANGE: Region about type locality.

Sceloporus couchii BAIRD

Sceloporus couchii BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 254.
Sceloporus couchii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 395, fig. 66.
Lysoptychus lateralis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 329, fig. 47.

TYPE LOCALITY: Santa Caterina, Nuevo Leon, Mexico.

RANGE: Northern Mexico to southern Texas.

Sceloporus disparilis STEJNEGER

Sceloporus disparilis STEJNEGER
Proc. Biol. Soc. Washington, Vol. 29, Dec. 16, 1916, p. 228.

TYPE LOCALITY: Lomita Ranch, six miles north of Hidalgo, Texas.

RANGE: Extreme southern corner of Texas and northeastern Mexico.

Sceloporus elongatus STEJNEGER

Sceloporus elongatus STEJNEGER
N. Amer. Fauna, No. 3, 1890, p. 111.
Sceloporus undulatus (part) COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 368.

TYPE LOCALITY: Moa Ave., Painted Desert, Arizona.
RANGE: The Painted Desert region.

Sceloporus graciosus graciosus (BAIRD and GIRARD)

Sceloporus graciosus BAIRD and GIRARD
Stansbury, Expl. Surv. Vall. Great Salt Lake, 1852, p. 346, pl. 5, figs. 1–3.
Sceloporus graciosus graciosus CAMP
Univ. California Publ. Zoöl., Vol. 17, Dec. 28, 1916, p. 67.
Sceloporus graciosus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 386, fig. 63.

TYPE LOCALITY: Valley of Great Salt Lake.
RANGE: Oklahoma to California and Utah, Nevada and Oregon.

Sceloporus graciosus vandenburgianus (COPE)

Sceloporus vandenburgianus COPE
Amer. Nat., Vol. 30, 1896, p. 834.
Sceloporus graciosus vandenburgianus GRINNELL and CAMP
Univ. California Publ. Zoöl., Vol. 17, July 11, 1917, p. 159.
Sceloporus vandenburgianus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 390, fig. 64.

TYPE LOCALITY: Summit of the Coast Range, San Diego Co. California.
RANGE: Mountain ranges south of Ventura Co. California.

Sceloporus jarrovii COPE

Sceloporus jarrovii COPE
Wheeler's Rep. Surv. W. 100th Merid., Vol. 5, 1875, p. 569, pl. 23. fig. 2–2c.
Sceloporus jarrovii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 345, fig. 49.

TYPE LOCALITY: Southern Arizona.
RANGE: Arizona.

Sceloporus licki VAN DENBURGH

Sceloporus licki VAN DENBURGH
Proc. California Acad. Sci., Ser. 2, Vol. 5, 1895, p. 110, pl. 10.
Sceloporus lickii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 363.

TYPE LOCALITY: Sierra San Lazaro, Lower California.
RANGE: Same as type locality.

Sceloporus magister HALLOWELL

Sceloporus magister HALLOWELL
Proc. Ac. Nat. Sci. Phila., 1854, p. 93.
Sceloporus clarkii (part) COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 358.

TYPE LOCALITY: Yuma, Arizona.

RANGE: Southeastern California, western Arizona, southern Nevada, southwestern Utah.

Sceloporus merriami STEJNEGER

Sceloporus merriami STEJNEGER
Proc. Biol. Soc. Washington, Vol. 17, Feb. 5, 1904, p. 17.

TYPE LOCALITY: East Painted Cave near mouth of Pecos River, Rio Grande Valley, Texas.

RANGE: Rio Grande Cañon, Western Texas.

Sceloporus occidentalis occidentalis (BAIRD and GIRARD)

Sceloporus occidentalis BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 175.
Sceloporus occidentalis occidentalis CAMP
Univ. California Publ. Zoöl., Vol. 17, Dec. 28, 1916, p. 65.

TYPE LOCALITY: Benicia, California.

RANGE: Northern and north central California.

Sceloporus occidentalis becki (VAN DENBURGH)

Sceloporus becki VAN DENBURGH
Proc. California Ac. Sci., Ser. 3, Zoöl., 4, June 15, 1905, p. 9, pl. 4.
Sceloporus occidentalis becki GRINNELL and CAMP
Univ. of Calif. Publ. Zoöl., Vol. 17, July 11, 1917, p. 162.

TYPE LOCALITY: San Miguel Island, Santa Barbara Co., California.

RANGE: Islands off coast of Santa Barbara County, California.

Sceloporus occidentalis bi-seriatus (HALLOWELL)

Sceloporus bi-seriatus HALLOWELL
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 93.
Sceloporus occidentalis bi-seriatus CAMP
Univ. California Publ. Zoöl., Vol. 17, Dec. 28, 1916, p. 65.
Sceloporus biseriatus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 381, fig. 61.

TYPE LOCALITY: El Paso Creek, Tejon Valley, Texas.

RANGE: Texas westward to California, also Utah, Idaho and Nevada.

Sceloporus occidentalis taylori CAMP

Sceloporus occidentalis taylori CAMP
Univ. California Publ. Zoöl., Vol. 17, Dec. 28, 1916, p. 65.

TYPE LOCALITY: Halfway between Merced Lake and Sunrise Trail (Ecko Creek Basin), altitude 7500 feet, Yosemite National Park, California.

RANGE: Yosemite National Park, above 7000 feet altitude.

Sceloporus orcutti STEJNEGER

Sceloporus orcutti STEJNEGER
N. Amer. Fauna, No. 7, May 31, 1893, p. 181, pl. 1, figs. 4a–c.
Sceloporus orcuttii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 354, fig. 52.

TYPE LOCALITY: Milquatay Valley, San Diego County, California.

RANGE: Southern California.

Sceloporus scalaris WEIGMANN.

Sceloporus scalaris WIEGMANN
Isis, 1828, p. 370.
Sceloporus scalaris COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 401, fig. 68.

TYPE LOCALITY: Mexico.

RANGE: Mexico northward to the U. S. boundary.

Sceloporus spinosus floridanus (BAIRD)

Sceloporus floridanus BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 254.
Sceloporus spinosus floridanus STEJNEGER
N. Amer. Fauna, No. 7, May 31, 1893, p. 181.
Sceloporus spinosus (part) COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 364, fig. 55.

TYPE LOCALITY: Pensacola, Florida.

RANGE: Extreme western Florida to Texas, New Mexico and northern Mexico.

Sceloporus torquatus poinsettii (BAIRD and GIRARD)

Sceloporus poinsettii BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 126.
Sceloporus torquatus poinsettii COPE
Proc. Amer. Philos. Soc., Vol. 22, 1885, p. 402.
Sceloporus torquatus poinsettii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 350, fig. 51.

TYPE LOCALITY: Rio San Pedro, Texas, and Sonora, Mexico.

RANGE: Texas to Arizona, northern states of Mexico.

Sceloporus undulatus (LATREILLE)

PINE LIZARD, FENCE LIZARD

Stellio undulatus LATREILLE
Hist. Nat. Rept., Vol. 2, 1802, p. 40.
Sceloporus undulatus WIEGMANN
Isis, 1828, p. 369.
Sceloporus undulatus (part) COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 368, fig. 57.

TYPE LOCALITY: "Les grands bois de la Caroline."
RANGE: Eastern States, New Jersey to Florida.

Sceloporus variabilis WIEGMANN

Sceloporus variabilis WIEGMANN
Herp. Mexico, 1834, p. 51.
Sceloporus variabilis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 398, fig. 67.

TYPE LOCALITY: Mexico.
RANGE: Guatemala and Mexico to southern Texas.

Sceloporus zosteromus COPE

Sceloporus zosteromus COPE
Proc. Ac. Nat. Sci. Phila., 1863, p. 105.
Sceloporus zosteromus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 356, fig. 53.

TYPE LOCALITY: Cape St. Lucas, Lower California.
RANGE: Lower California.

Phrynosoma (*GENUS*)

WIEGMANN, Isis, 1828, p. 367

TYPE: *orbicularis*

THE HORN-TOADS

Phrynosoma blainvillii GRAY

Phrynosoma blainvillii GRAY
Zoöl. Beachey's Voyage, 1839, p. 96, pl. 29, fig. 1.
Phrynosoma blainvillei (part) COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 423, fig. 74.

TYPE LOCALITY: California.
RANGE: Southern California, northern Lower California.

Phrynosoma brevicornis BOULENGER

Phrynosoma brevicornis BOULENGER
Proc. Zool. Soc. London, 1916, p. 537, pl. 1.

TYPE LOCALITY: Texas.
RANGE: Unknown.

Phrynosoma brevirostre (GIRARD)

Tapaya brevirostris GIRARD
U. S. Expl. Exp., Herp., 1858, p. 397.
Phrynosoma brevirostre COPE
Proc. Ac. Nat. Sci. Phila., 1866, p. 302.

TYPE LOCALITY: Plains of Kansas and Nebraska.
RANGE: Wyoming, the Basins of the Yellowstone and Platte Rivers.

Phrynosoma cerroense STEJNEGER

Phrynosoma cerroense STEJNEGER
N. Amer. Fauna, No. 7, May 31, 1893, p. 187.
Phrynosoma cerroense COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 428, fig. 75.

TYPE LOCALITY: Cerros Island, Lower California.
RANGE: The type locality.

Phrynosoma cornutum (HARLAN)

Agama cornuta HARLAN
Journ. Ac. Nat. Sci. Phila., Vol. 4, 1825, p. 299, pl. 20.
Phrynosoma cornutum GRAY
Griffith's Animal Kingdom, Syn. Rept., 1831, p. 9.
Phrynosoma cornutum COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 432, fig. 77.

TYPE LOCALITY: Great Plains east of the Rocky Mountains.
RANGE: From Kansas to the northern states of Mexico, west to Colorado and New Mexico.

Phrynosoma coronatum (BLAINVILLE)

Agama (*Phrynosoma*) *coronata* BLAINVILLE
Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 284, pl. 25, fig. 1.
Phrynosoma coronatum DUMÉRIL and BIBRON
Erp. Gén., Vol. 4, 1837, p. 318.
Phrynosoma coronatum COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 430.

TYPE LOCALITY: " California " by inference.
RANGE: Lower California.

Phrynosoma ditmarsi STEJNEGER

Phrynosoma ditmarsi STEJNEGER
Proc. U. S. Nat. Mus., Vol. 29, Feb. 2, 1906, p. 565.

TYPE LOCALITY: State of Sonora, Mexico, not far from boundary of Arizona.
RANGE: Northern Mexico and probably southern Arizona.

Phrynosoma douglassii (BELL)

Agama douglassii BELL
Trans. Linn. Soc. London, Vol. 16, 1833, p. 105, pl. 10.
Phrynosoma douglasii WIEGMANN
Herp. Mexico, 1834, p. 54.
Phrynosoma douglasii douglassii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 411, fig. 69.

TYPE LOCALITY: "In ora occidentali Americae Borealis ad ripas fluminis Columbiae."
RANGE: Oregon and Washington.

Phrynosoma frontale VAN DENBURGH

Phrynosoma frontalis VAN DENBURGH
Proc. California Ac. Sci., Ser. 2, Vol. 4, 1894, p. 296.
Phrynosoma blainvillei (part) COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 423.

TYPE LOCALITY: Bear Valley, San Benito Co., California.
RANGE: El Dorado to Kern Counties, California.

Phrynosoma hernandesi (GIRARD)

Tapaya hernandesi GIRARD
U. S. Expl. Exp., Herp., 1858, p. 395.
Phrynosoma hernandesi STEJNEGER
N. Amer. Fauna, No. 3, 1890, p. 112.
Phrynosoma douglassii hernandesi COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 413, fig. 70.

TYPE LOCALITY: New Mexico.
RANGE: The plateau region of Colorado, Utah, New Mexico and Arizona.

Phrynosoma m'callii (HALLOWELL)

Anota m'callii HALLOWELL
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 182.
Phrynosoma maccallii COPE
Proc. Ac. Nat. Sci. Phila., 1866, p. 310.
Phrynosoma maccallii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 448, fig. 82.

TYPE LOCALITY: Colorado Desert between Vallecita [sic] and Camp Yuma, 160 miles east of San Diego, California.
RANGE: Southeastern California and southwestern Arizona.

Phrynosoma modestum GIRARD

Phrynosoma modestum GIRARD
Stansbury's Expl. Surv. Vall. Great Salt Lake, 1852, pp. 361, 365, pl. 6, figs. 4–8.

Anota modesta COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 437, fig. 78.

TYPE LOCALITY: The Rio Grande, west of San Antonio, Texas, and from between San Antonio and El Paso.

RANGE: Texas to Arizona and northern Mexico.

Phrynosoma ornatissimum (GIRARD)

Tapaya ornatissima GIRARD
U. S. Expl. Exp., Herp., 1858, p. 396.

Phrynosoma ornatissimum STEJNEGER
N. Amer. Fauna, No. 3, 1890, p. 115, pl. 12, figs. 3, a-c.

Phrynosoma douglassii ornatissimum COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 415, fig. 71.

TYPE LOCALITY: Mountainous region of New Mexico.

RANGE: Deserts of Arizona, New Mexico and Colorado.

Phrynosoma platyrhinos GIRARD

Phrynosoma platyrhinos GIRARD
Stansbury's Expl. Surv. Vall. Great Salt Lake, 1852, pp. 361, 363, pl. 7, figs. 1–5.

Anota platyrhina COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 443, fig. 81.

TYPE LOCALITY: Great Salt Lake Valley, Utah.

RANGE: Washington southward to California, Utah, Idaho and Nevada.

Phrynosoma solare GRAY

Phrynosoma solaris GRAY
Cat. Liz. Brit. Mus., 1845, p. 229.

Phrynosoma solare COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 420, fig. 73.

TYPE LOCALITY: "California."

RANGE: Northern Lower California and extreme southern Arizona.

ANGUIDAE (*FAMILY*)

Ophisaurus (*GENUS*)

DAUDIN, Bull. Soc. Philom. Paris, Vol. 3, No. 72, March, 1803, p. 188

TYPE: *ventralis*

Ophisaurus ventralis (LINNÉ)

GLASS-SNAKE, JOINT-SNAKE

Anguis ventralis LINNÉ
Syst. Nat., Ed. 12, 1766, p. 391.

Ophisaurus ventralis DAUDIN
Hist. Nat. Rept. Vol. 7, 1803, p. 352, pl. 88.
Ophisaurus ventralis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 494, fig. 88.

TYPE LOCALITY: Carolina.

RANGE: Southern United States, in the east distributed northward to the Carolinas and Tennessee, in the central valley to Wisconsin, westward to New Mexico and southward to the state of Vera Cruz, Mexico.

Gerrhonotus (*GENUS*)

WIEGMANN, Isis, 1828, p. 379

TYPE: *tessellatus* = liocephalus

Gerrhonotus coeruleus WIEGMANN [1]

Gerrhonotus coeruleus WIEGMANN
Isis, 1828, p. 380.
Gerrhonotus burnettii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 526, fig. 94.

TYPE LOCALITY: "Brasilia" (*in errore;* probably San Francisco, Cal.).

RANGE: Coast region of southern California.

Gerrhonotus infernalis (BAIRD)

Gerrhonotus infernalis BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 255.
Gerrhonotus liocephalus infernalis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 517, fig. 91.

TYPE LOCALITY: Devil's River, Texas.

RANGE: Southern Texas and northern Mexico.

Gerrhonotus multi-carinatus (BLAINVILLE)

Cordylus (*Gerrhonotus*) *multi-carinatus* BLAINVILLE
Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 289, pl. 25, fig. 2.
Gerrhonotus multicarinatus DUMÉRIL and BIBRON
Erp. Gén., Vol. 5, 1839, p. 404.
Gerrhonotus multicarinatus (part) COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 520.

TYPE LOCALITY: "California."

RANGE: Lower California and Mexico.

Gerrhonotus nobilis (BAIRD and GIRARD)

Elgaria nobilis BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 129.

[1] Type examined by L. Stejneger in Berlin.

Gerrhonotus nobilis BAIRD
U. S. Mex. Bound. Surv., Vol. 2, 1859, Rept. p. 11, pl. 25, figs. 1–8.
Gerrhonotus nobilis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 519, fig. 92.

TYPE LOCALITY: Fort Webster, copper mines of the Gila (Santa Rita del Cobre) New Mexico.

RANGE: New Mexico, Arizona and northern Mexico.

Gerrhonotus palmeri (STEJNEGER)

Gerrhonotus scinciauda palmeri STEJNEGER
N. Amer. Fauna, No. 7, May 31, 1893, p. 196.
Gerrhonotus palmeri VAN DENBURGH
Occ. Papers California Ac. Sci., No. 5, 1897, p. 113.
Gerrhonotus multicarinatus palmerii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 525.

TYPE LOCALITY: South Fork King's River, California.

RANGE: Sierra Nevada slopes, in central California.

Gerrhonotus principis (BAIRD and GIRARD)

Elgaria principis BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 175.
Gerrhonotus principis STEJNEGER
N. Amer. Fauna, No. 7, May 31, 1893, p. 197.
Gerrhonotus principis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 529, fig. 95.

TYPE LOCALITY: Oregon and Puget Sound.

RANGE: Western Washington and Oregon, northwestern California and Vancouver Island.

Gerrhonotus scincicauda (SKILTON)

Tropidolepis scincicauda SKILTON
Amer. Journ. Sci. Arts, Ser. 2, Vol. 7, 1849, p. 202, pl. at p. 312, figs. 1–3.
Gerrhonotus multicarinatus (part) COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 520, fig. 93.

TYPE LOCALITY: "Dalles of the Columbia."

RANGE: Oregon and California west of the Sierra Nevada.

Barissia (*GENUS*)

GRAY, Cat. Liz. Brit. Mus., 1845, p. 54
TYPE: *imbricata*

Barissia levicollis STEJNEGER

Barissia levicollis STEJNEGER
Proc. U. S. Nat. Mus., Vol. 13, Sept. 9, 1890, p. 184.

Barissia levicollis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 535, fig. 96.
TYPE LOCALITY: "Mexican Boundary."
RANGE: Unknown.

ANNIELLIDAE (*FAMILY*)

Anniella (*GENUS*)

GRAY, Ann. Mag. Nat. Hist., Ser. 2, Vol. 10, 1852, p. 440
TYPE: *pulchra*

Anniella nigra (FISCHER)

Aniella nigra FISCHER
Abh. Naturw. Ver. Hamburg, Vol. 9, Pt. 1, 1886, p. 9.
Anniella pulchra var. A. *nigra* COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 675.
TYPE LOCALITY: San Diego, California, probably *in errore*.
RANGE: Country about Pacific Grove, California.

Anniella pulchra GRAY

Anniella pulchra GRAY
Ann. Mag. Nat. Hist., Ser. 2, Vol. 10, 1852, p. 440.
Anniella pulchra COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 674, fig. 138.
TYPE LOCALITY: California.
RANGE: Coastal region of southern California.

HELODERMATIDAE (*FAMILY*)

Heloderma (*GENUS*)

WIEGMANN, Isis, 1829, p. 624
TYPE: *horridum*

Heloderma suspectum COPE
GILA MONSTER

Heloderma suspectum COPE
Proc. Ac. Nat. Sci. Phila., 1869, p. 5.
Heloderma suspectum COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 476, fig. 87.
TYPE LOCALITY: Sierra de la Union, Arizona, ("Sonora").
RANGE: Extreme southern Utah and Nevada, Arizona and Sonora.

XANTUSIIDAE (*FAMILY*)

Xantusia (*GENUS*)

BAIRD, Proc. Ac. Nat. Sci. Phila., 1858, p. 255

TYPE: *vigilis*

Xantusia gilberti VAN DENBURGH

Xantusia gilberti VAN DENBURGH
Proc. California Ac. Sci., Ser. 2, Vol. 5, 1895, p. 121, pl. 11.
Amoebopsis gilbertii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 555, fig. 101.

TYPE LOCALITY: San Francisquito, Sierra Laguna, Lower California.

RANGE: Limits of range unknown.

Xantusia henshawi STEJNEGER

Xantusia henshawi STEJNEGER
Proc. U. S. Nat. Mus., Vol. 16, July 21, 1893, p. 467.
Zablepsis henshavii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 553, fig. 100.

TYPE LOCALITY: Witch Creek, San Diego Co., California.

RANGE: Known from a few localities in southern California.

Xantusia riversiana COPE

Xantusia riversiana COPE
Proc. Ac. Nat. Sci. Phila., 1883, p. 29.
Xantusia riversiana COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 550, fig. 99.

TYPE LOCALITY: California, according to Cope, but later stated by Prof. Rivers to have been San Nicholas Island, off the California Coast.

RANGE: San Nicholas, Santa Barbara and San Clemente Islands, Coast of California.

Xantusia vigilis BAIRD

Xantusia vigilis BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 255.
Xantusia vigilis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 545, fig. 97.

TYPE LOCALITY: Fort Tejon, California.

RANGE: The tree-yucca zone of southern Nevada and southeastern California.

TEIIDAE (*FAMILY*)

Verticaria (*GENUS*)

COPE, Proc. Amer. Philos. Soc., Vol. 11, 1869, p. 158

TYPE: *hyperythra*

Verticaria hyperythra hyperythra (COPE)

Verticaria hyperythra COPE
Proc. Amer. Philos. Soc., Vol. 11, 1869, p. 158.
Verticaria hyperythra (part) COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 563.

TYPE LOCALITY: Cape San Lucas, Lower California.
RANGE: Southern end of Lower California.

Verticaria hyperythra beldingi (STEJNEGER)

Verticaria beldingi STEJNEGER
Proc. U. S. Nat. Mus., Vol. 17, May 4, 1894, p. 17.
Verticaria hyperythra beldingi VAN DENBURGH
Proc. California Ac. Sci., Ser. 2, Vol. 5, 1895, p. 131.
Verticaria hyperythra (part) COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 563, fig. 102.

TYPE LOCALITY: Cerros Island, Lower California.
RANGE: Southern California to middle Lower California, Cerros Island.

Verticaria sericea VAN DENBURGH

Verticaria sericea VAN DENBURGH
Proc. California Ac. Sci., Ser. 2, Vol. 5, 1895, p. 132, pl. 12.
Verticaria sericea COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 564, fig. 103.

TYPE LOCALITY: San José Island, Lower California.
RANGE: San José Island, Lower California.

Cnemidophorus (*GENUS*)

WAGLER, Syst. Amph., 1830, p. 154

TYPE: *murinus*

THE SWIFTS OR WHIP-TAILS

Cnemidophorus arizonae VAN DENBURGH

Cnemidophorus arizonae VAN DENBURGH
Proc. California Ac. Sci., Ser. 2, Vol. 6, p. 344.

TYPE LOCALITY: Fairbank, Cochise Co., Arizona.
RANGE: Southern Arizona.

Cnemidophorus grahamii BAIRD and GIRARD

Cnemidophorus grahamii BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 128.
Cnemidophorus grahamii grahamii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 598, fig. 117.
TYPE LOCALITY: Between San Antonio and El Paso, Texas.
RANGE: Texas.

Cnemidophorus labialis STEJNEGER

Cnemidophorus labialis STEJNEGER
Proc. U. S. Nat. Mus., Vol. 12, June, 1890, p. 643.
Cnemidophorus labialis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 610, fig. 122.
TYPE LOCALITY: Cerros Island, Lower California.
RANGE: Cerros Island, Lower California.

Cnemidophorus martyris STEJNEGER

Cnemidophorus martyris STEJNEGER
Proc. U. S. Nat. Mus., Vol. 14, Aug. 31, 1891, p. 407.
TYPE LOCALITY: San Pedro Martir Island, Gulf of California.
RANGE: Type locality.

Cnemidophorus maximus COPE

Cnemidophorus maximus COPE
Proc. Ac. Nat. Sci. Phila., 1863, p. 104.
Cnemidophorus maximus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 570, fig. 104.
TYPE LOCALITY: Cape St. Lucas, Lower California.
RANGE: Southern Lower California.

Cnemidophorus melanostethus COPE

Cnemidophorus melanostethus COPE
Proc. Ac. Nat. Sci. Phila., 1863, p. 104.
Cnemidophorus tessellatus melanostethus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 581, fig. 109.
TYPE LOCALITY: "Region of the Colorado of California" Colorado Desert, Arizona.
RANGE: Deserts of southern Arizona.

Cnemidophorus multiscutatus (COPE)

Cnemidophorus tessellatus multiscutatus COPE
Trans. Amer. Philos. Soc., Vol. 7, 1892, p. 38.
Cnemidophorus multiscutatus VAN DENBURGH
Proc. California Ac. Sci., Ser. 4, Vol. 4, 1914, p. 144.
Cnemidophorus tessellatus multiscutatus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 586, fig. 111.

TYPE LOCALITY: Cerros Island, Lower California.
RANGE: Cerros Island, Lower California.

Cnemidophorus perplexus BAIRD and GIRARD

Cnemidophorus perplexus BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila. Vol. 6, 1852, p. 128.
Cnemidophorus tessellatus perplexus (part) COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 573, fig. 106.

TYPE LOCALITY: Valley of the Rio San Pedro, tributary of the Rio Grande del Norte, Texas.
RANGE: Texas and New Mexico.

Cnemidophorus rubidus (COPE)

Cnemidophorus tessellatus rubidus COPE
Trans. Amer. Philos. Soc., Ser. 2, Vol. 17, 1892, p. 36, pl. 12, fig. f.
Cnemidophorus rubidus VAN DENBURGH
Proc. California Ac. Sci., Ser. 4, Vol. 4, 1914, p. 145.
Cnemidophorus tessellatus rubidus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 584, fig. 110.

TYPE LOCALITY: Sta. Margarita Island, Lower California.
RANGE: Sta. Margarita Island, Lower California.

Cnemidophorus sexlineatus (LINNÉ)

Lacerta sexlineata LINNÉ
Syst. Nat. Ed. 12, 1766, p. 364.
Cnemidophorus sexlineatus DUMÉRIL and BIBRON
Erp. Gén., Vol. 5, 1839, p. 131.
Cnemidophorus sexlineatus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 593, fig. 116.

TYPE LOCALITY: In Carolina.
RANGE: Maryland to Florida, west to northern Mexico and Arizona and up the Mississippi Valley as far north as Lake Michigan.

Cnemidophorus gularis BAIRD and GIRARD

Cnemidophorus gularis BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 128.
Cnemidophorus gularis gularis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 602, fig. 118.

TYPE LOCALITY: Indianola and San Pedro River, Texas.
RANGE: Arkansas and Oklahoma through Texas west to Arizona also the northern states of Mexico.

Cnemidophorus tessellatus tessellatus (SAY)

Ameiva tesselata SAY
Long's Exp. Rocky Mts., Vol. 2, 1823, p. 50.

Cnemidophorus tessellatus BAIRD
Pacific R.R. Surv., Vol. 10, Pt. 4, 1859, p. 18.
Cnemidophorus tessellatus tessellatus (part) COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 575, fig. 107.

TYPE LOCALITY: Arkansas River, near Castle Rock Creek, Colorado.

RANGE: Texas to California, also Utah, Colorado and Nevada.

Cnemidophorus tessellatus mundus (CAMP)

Cnemidophorus tigris mundus CAMP
Univ. California Publ. Zoöl., Vol. 17, Dec. 28, 1916, p. 71.

TYPE LOCALITY: "Near Fort Yuma, in San Joaquim Valley" = Fort Miller, Fresno County, California.

RANGE: Central California.

Cnemidophorus tessellatus stejnegeri (VAN DENBURGH)

Cnemidophorus stejnegeri VAN DENBURGH
Proc. California Ac. Sci., Ser. 2, Vol. 4, 1894, p. 300.
Cnemidophorus grahamii stejnegerii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 599.

TYPE LOCALITY: Near Ensenada, Lower California.

RANGE: Southern California and northern Lower California.

SCINCIDAE

Leiolopisma (*GENUS*)

DUMÉRIL and BIBRON, Erp. Gén., Vol. 5, 1839, p. 742

TYPE: *telfairii*

Leiolopisma laterale (SAY)

Scincus lateralis SAY
Long's Exp. Rocky Mts., Vol. 2, 1823, p. 324.
Leiolopisma laterale JORDAN
Man. Vertebr. North. U. S., Ed. 8, 1899, p. 201.
Liolepisma laterale COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 622, fig. 123.

TYPE LOCALITY: Banks of Mississippi River below Cape Girardeau, Missouri.

RANGE: Maryland to Florida, west to Illinois and Texas.[1]

[1] What is apparently the same species occurs also in China and Formosa.

Plestiodon (*GENUS*)

DUMÉRIL and BIBRON, Erp. Gén., Vol. 5, 1839, p. 697

TYPE: *quinquelineatus*

Plestiodon anthracinus BAIRD

Plestiodon anthracinus BAIRD
Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 294.
Eumeces anthracinus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 661, fig. 135.

TYPE LOCALITY: North Mountain near Carlisle, Pennsylvania.
RANGE: Western Pennsylvania to Missouri, Arkansas and Texas.

Plestiodon brevilineatus (COPE)

Eumeces brevilineatus COPE
Bull. U. S. Nat. Mus., No. 17, 1880, p. 18.
Eumeces brevilineatus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 664, fig. 137.

TYPE LOCALITY: Helotes, Bexar Co., Texas.
RANGE: Texas.

Plestiodon egregius BAIRD

Plestiodon egregius BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 256.
Eumeces egregius COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 655, fig. 132.

TYPE LOCALITY: Indian Key, Florida.
RANGE: Western Florida and the Florida Keys.

Plestiodon fasciatus (LINNÉ)

BLUE-TAILED SKINK, SCORPION

Lacerta fasciata LINNÉ
Syst. Nat., Ed. 10, Vol. 1, 1758, p. 209.
Plestiodon fasciatus BAIRD
Journ. Ac. Nat. Sci. Phila., Ser. 2,, Vol. 1, 1849, p. 294.
Eumeces quinquelineatus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 632, fig. 125.

TYPE LOCALITY: Carolina.
RANGE: Southern New England to Florida, up the Mississippi Valley to Canada and westward to Arizona.

Plestiodon guttulatus[1] (HALLOWELL)

Lamprosaurus guttulatus HALLOWELL
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 206.

[1] Possibly the young of *P. obsoletus*.

Plestiodon guttulatus HALLOWELL
Proc. Ac. Nat. Sci. Phila., 1857, p. 215.
Eumeces guttulatus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 645, fig. 127.

TYPE LOCALITY: Fort Filmore below Jornada del Muerte, New Mexico.

RANGE: Western Texas and Oklahoma to Arizona.

Plestiodon longirostris COPE

Plestiodon longirostris COPE
Proc. Ac. Nat. Sci. Phila., 1861, p. 313.
Eumeces longirostris COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 631, fig. 124.

TYPE LOCALITY: Bermuda.

RANGE: Bermuda.

Plestiodon multivirgatus HALLOWELL

Plestiodon multivigatus HALLOWELL
Proc. Ac. Nat. Sci. Phila., 1857, p. 215.
Eumeces epipleurotus COPE
Ann. Eep. U. S. Nat. Mus. 1898 (1900), p. 650, fig. 129.
Eumeces leptogrammus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 651, fig. 130.
Eumeces multivirgatus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 653, fig. 131.

TYPE LOCALITY: Posa Creek, 460 miles west of Fort Riley, Kansas.

RANGE: Nebraska to Northern Texas.

Plestiodon obsoletus BAIRD and GIRARD

Plestiodon obsoletum BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 129.
Eumeces obsoletus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 646, fig. 128.

TYPE LOCALITY: Valley of the Rio San Pedro, tributary of the Rio Grande del Norte, Texas.

RANGE: Utah and Kansas southward to northern Mexico.

Plestiodon pachyurus (COPE)

Eumeces pachyurus COPE
Bull. U. S. Nat. Mus., No. 17, 1880, p. 19.
Eumeces pachyurus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 659.

TYPE LOCALITY: Near Dallas, Texas.

RANGE: Texas.

Plestiodon pluvialis (COPE)

Eumeces pluvialis COPE
Bull. U. S. Nat. Mus., No. 17, 1880, p. 19.
Eumeces pluvialis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 663, fig. 136.

TYPE LOCALITY: Mobile, Alabama.
RANGE: Central Gulf area.

Plestiodon septentrionalis BAIRD

Plestiodon septentrionalis BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 256.
Eumeces septentrionalis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 656, fig. 133.

TYPE LOCALITY: Minnesota and Nebraska.
RANGE: Minnesota, Nebraska and Kansas.

Plestiodon skiltonianus BAIRD and GIRARD

Plestiodon skiltonianum BAIRD and GIRARD
Stansbury's Expl. Surv. Vall. Great Salt Lake, 1852, p. 349, pl. 4, figs. 4–6.
Eumeces skiltonianus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 640, fig. 126.

TYPE LOCALITY: Oregon.
RANGE: Western Oregon, and most of California, except the extreme southeastern desert area. Lower California.

Plestiodon tetragrammus BAIRD

Plestiodon tetragrammus BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 256.
Eumeces tetragrammus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 660.

TYPE LOCALITY: Lower Rio Grande.
RANGE: Southern Texas and northeastern Mexico.

Neoseps (*GENUS*)

STEJNEGER, Proc. U. S. Nat. Mus., Vol. 39, Sept. 23, 1910, p. 33
TYPE: *reynoldsi*

Neoseps reynoldsi STEJNEGER

Neoseps reynoldsi STEJNEGER
Proc. U. S. Nat. Mus., Vol. 39, Sept. 23, 1910, p. 34.

TYPE LOCALITY: Near Spring Lake, Fruitland Park, Lake Co., Florida.
RANGE: Central Florida.

BIPEDIDAE (*FAMILY*)

Bipes (*GENUS*)

LATREILLE, Hist. Nat. Rept., Vol. 2, 1802, p. 90

TYPE: *canaliculatus*

Bipes biporus (COPE)

Euchirotes biporus COPE
Amer. Nat., Vol. 28, 1894, p. 436, figs. 5a–e.
Euchirotes biporus COPE
Ann. Rep. U. S. Nat. 1898 (1900), p. 680, fig. 140.

TYPE LOCALITY: La Paz,[1] Lower California.
RANGE: Southern Lower California.

LEPOSTERNIDAE (*FAMILY*)

Rhineura (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1861, p. 75

TYPE: *floridana*

Rhineura floridana (BAIRD)

Lepidosternon floridanum BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 255.
Rhineura floridana COPE
Proc. Ac. Nat. Sci. Phila., 1861, p. 75.
Rhineura floridana COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 686, fig. 141.

TYPE LOCALITY: Micanopy, Florida.
RANGE: Peninsular Florida.

SERPENTES (*SUBORDER*)

LINNÉ, Syst. Nat., Ed. 10, Vol. 1, 1758, p. 214

LEPTOTYPHLOPIDAE (*FAMILY*)

Leptotyphlops (*GENUS*)

FITZINGER, Syst. Rept., 1843, p. 24

TYPE: *nigricans*

Leptotyphlops dulcis (BAIRD and GIRARD)

Rena dulcis BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 142.

[1] Given in error in original description as Cape St. Lucas.

Leptotyphlops dulcis STEJNEGER
Proc. U. S. Nat. Mus., Vol. 14, Oct. 31, 1891, p. 501.
Glauconia dulcis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 717, fig. 143.

TYPE LOCALITY: Between San Pedro and Comanche Springs, Texas.

RANGE: Northern Mexico, Texas and New Mexico.

Siagonodon (*GENUS*)

PETERS, Sitz. Ber. Ges. Naturf. Freunde, Berlin, 1881, p. 71
TYPE: *septemstriatus*

Siagonodon humilis (BAIRD and GIRARD)

Rena humilis BAIRD and GIRARD
Cat. N. Amer. Rept., pt. 1, 1853, p. 143.
Siagonodon humilis VAN DENBURGH
Occ. Pap. California Ac. Sci., Vol. 5, 1897, p. 150.
Glauconia humilis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 719, fig. 144.

TYPE LOCALITY: Valliecitas (sic), California.

RANGE: Deserts of Arizona, southern California, Lower California and northwestern Mexico.

BOIDAE (*FAMILY*)

Lichanura (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1861, p. 304
TYPE: *trivirgata*

Lichanura roseofusca COPE

Lichanura roseofusca COPE
Proc. Ac. Nat. Sci. Phila., 1868, p. 2.
Lichanura roseofusca COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 724, fig. 146.

TYPE LOCALITY: Northern Lower California.

RANGE: Southern California, northern Lower California and Arizona.

Lichanura trivirgata COPE

Lichanura trivirgata COPE
Proc. Ac. Nat. Sci. Phila., 1861, p. 304.
Lichanura trivirgata COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 723, fig. 145.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Lower California.

Charina (*GENUS*)

GRAY, Cat. Snakes Brit. Mus., 1849, p. 113

TYPE: *bottae*

Charina bottae (BLAINVILLE)

RUBBER SNAKE, BALL SNAKE

Tortrix bottae BLAINVILLE
Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 289, pl. 26, figs. 1–B1.
Charina bottae GRAY
Cat. Snakes Brit. Mus., 1849, p. 113.
Charina bottae COPE
Rep. U. S. Nat. Mus. 1898 (1900), p. 728, fig. 148.

TYPE LOCALITY: California.

RANGE: Humid districts of California, Nevada, Idaho, Oregon and Washington.

COLUBRIDAE (*FAMILY*)

Carphophis (*GENUS*)

GERVAIS, D'Orbigny's Dict. Univ. Hist. Nat. Vol. 3, 1843, p. 191

TYPE: *amoena*

WORM SNAKES

Carphophis amoena (SAY)

Coluber amoenus SAY
Journ. Ac. Nat. Sci. Phila., Vol. 4, pt. 2, 1825, p. 237.
Carphophis amoena GERVAIS
D'Orbigny's Dict. Univ. Hist. Nat., Vol. 3, 1843, p. 191.
Carphophiops amoenus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 735, fig. 151.

TYPE LOCALITY: Pennsylvania.

RANGE: Connecticut to Florida, westward in Ohio, Illinois and Indiana.

Carphophis vermis (KENNICOTT)

Celuta vermis KENNICOTT
Proc. Ac. Nat. Sci. Phila., 1859, p. 99.
Carphophiops vermis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 737, fig. 152.

TYPE LOCALITY: Missouri.

RANGE: Kansas southward to Louisiana.

Abastor (*GENUS*)

GRAY, Cat. Snakes Brit. Mus., 1849, p. 78

TYPE: *erythrogrammus*

Abastor erythrogrammus (DAUDIN)

RAINBOW SNAKE

Coluber erythrogrammus DAUDIN
Hist. Nat. Rept., Vol. 7, 1803, p. 93, pl. 83, figs. 2a–b.
Abastor erythrogrammus GRAY
Cat. Snakes Brit. Mus., 1849, p. 78.
Abastor erythrogrammus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 738, fig. 153.

TYPE LOCALITY: États Unis d'Amérique.
RANGE: Virginia southward to Florida and Alabama.

Farancia (*GENUS*)

GRAY, Zool. Misc., 1842, p. 78

TYPE: *drummondi* = abacura

Farancia abacura (HOLBROOK)

HORN-SNAKE, MUD-SNAKE

Coluber abacurus HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 1, 1836, p. 119, pl. 23.
Farancia abacura BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 123.
Farancia abacura COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 741, fig. 154.

TYPE LOCALITY: South Carolina.
RANGE: Virginia to Florida and Louisiana, in the Mississippi Valley northward to Indiana.

Diadophis (*GENUS*)

BAIRD and GIRARD, Cat. N. Amer. Rept., Pt. 1, 1853, p. 112

TYPE: *punctatus*

RING-NECK SNAKES

Diadophis amabilis BAIRD and GIRARD

Diadophis amabilis BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 113.
Diadophis amabilis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 746, figs. 157, 160.

TYPE LOCALITY: San José, California.
RANGE: Oregon to Lower California.

Diadophis arnyi KENNICOTT

Diadophis arnyi KENNICOTT
Proc. Ac. Nat. Sci. Phila., 1859, p. 99.
Diadophis regalis arnyi COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 745, fig. 156.

TYPE LOCALITY: Hyatt, Anderson County, Kansas.

RANGE: Ohio, Illinois, Indiana, Kansas, Iowa, Missouri, Arkansas, Oklahoma, and Texas.

Diadophis punctatus (LINNÉ)

Coluber punctatus LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 376.
Diadophis punctatus BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 112.
Diadophis punctatus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 751, fig. 162.

TYPE LOCALITY: Carolina.

RANGE: In the east from southeastern Canada to Florida, in the west reaching Michigan also found in Illinois, Ohio and Tennessee.

Diadophis regalis BAIRD and GIRARD

Diadophis regalis BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 115.
Diadophis regalis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 744, fig. 155.

TYPE LOCALITY: Sonora, Mexico.

RANGE: Texas, New Mexico and Arizona to state of Vera Cruz, Mexico.

Heterodon (*GENUS*)

LATREILLE, Hist. Nat. Rept., Vol. 4, 1802, p. 32

TYPE: *platirhinos* = contortrix

HOG-NOSE SNAKES

Heterodon browni STEJNEGER

Heterodon browni STEJNEGER
Proc. Biol. Soc. Washington, Vol. 16, 1903, p. 123.

TYPE LOCALITY: Lemon City, Florida.

RANGE: Extreme southern Florida.

Heterodon contortrix (LINNÉ) [1]

PUFFING ADDER, SPREADING ADDER

Boa contortrix LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 373.

[1] This snake for years has been called *H. platyrhinus* or *platirhinos* but this name is clearly a synonym. Linné in the tenth edition of the Systema Naturae (p. 216) described *Coluber constrictor*. This

Heterodon platyrhinus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 761, fig. 165.

TYPE LOCALITY: Carolina.

RANGE: Eastern States, Massachusetts to Florida westward to Texas and northward through the states of the Great Basin to Minnesota.

Heterodon nasicus BAIRD and GIRARD

Heterodon nasicus BAIRD and GIRARD
Stansbury's Expl. Surv. Vall. Great Salt Lake, 1852, p. 352.
Heterodon nasicus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 772, fig. 168.

TYPE LOCALITY: Texas.

RANGE: Southwestern Iowa, Kansas and Nebraska west to Montana and south to Northern Mexico. Common along the Mexican border from Texas to Arizona.

Heterodon simus (LINNÉ)

Coluber simus LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 375.
Heterodon simus HOLBROOK
N. Amer. Herp., Ed. 2, Vol. 4, 1842, p. 57, pl. 15.
Heterodon simus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 770, fig. 167.

TYPE LOCALITY: Carolina.

RANGE: Southeastern states, Indiana to Florida.

Liopeltis (*GENUS*)

FITZINGER, Syst. Rept., 1843, p. 26

TYPE: *tricolor*

Liopeltis vernalis (HARLAN)

SMOOTH GREENSNAKE

Coluber vernalis HARLAN
Journ. Ac. Nat. Sci. Phila., Vol. 5, 1827, p. 361.

was a composite species, part of the wording which Linné intended to use in characterizing the black-snake and the hog-nose snake having been combined under *constrictor*. Thus the scale counts 130–40 refer to the hog-nose, the first words "*Habitat in Canada. Kalm,*" refer to the black. Then we read "*Maxillae apex simus triqueter,*" obviously the hog-nose again. Lastly comes an abbreviated extract of Kalm's account of the black snakes' habits "*Adoritur homines circum pedes sese convolvens, sed innocuus.*" Consequently, *Coluber constrictor* of 1758 being a composite species, Linné, in 1766, exercised his prerogative as first reviser to correct this error. So that in the twelfth edition (p. 385) we find the black snake correctly diagnosed, using much of the same wording as was used in 1758, with the name *constrictor* applied; while on p. 373 we find the hog-nose renamed — *contortrix* — and assigned to the genus *Boa*. The description fits the hog-nose snake accurately, again part of the early diagnosis being repeated and reference is also made to Catesby's plate figuring this species. This, renders the name *contortrix* untenable for the Copperhead.

Liopeltis vernalis COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 560.
Liopeltis vernalis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 782, fig. 169.

TYPE LOCALITY: Pennsylvania and New Jersey are mentioned as habitat.

RANGE: Southern Canada through the Eastern and Middle states South to Florida and Texas, New Mexico.

Opheodrys (*GENUS*)

FITZINGER, Syst. Rept., 1843, p. 26
TYPE: *aestivus*

Opheodrys aestivus (LINNÉ)

ROUGH GREENSNAKE

Coluber aestivus LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 387.
Opheodrys aestivus COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 560.
Cyclophis aestivus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 784, fig. 170.

TYPE LOCALITY: Carolina.

RANGE: New Jersey to Florida, westward to New Mexico, in the Mississippi drainage basin found in the southern portion and northward to Kansas and Illinois.

Coluber [1] (*GENUS*)

LINNÉ, Syst. Nat., Ed. 10, Vol. 1, 1758, p. 216
TYPE: *constrictor*

Coluber anthonyi (STEJNEGER)

Bascanion anthonyi STEJNEGER
Proc. U. S. Nat. Mus., Vol. 23, June 5, 1901, p. 715.

TYPE LOCALITY: Clarion Island, Revilla Gigedo group, off west coast of Mexico.

RANGE: Clarion Island, Revilla Gigedo group, off west coast of Mexico.

Coluber aurigulus (COPE)

Drymobius aurigulus COPE
Proc. Ac. Nat. Sci. Phila., 1861, p. 301.

[1] As *Coluber constrictor* Linné of 1758 is composite and includes in part the black snake, Fitzinger's designation of the type of Coluber as *C. constrictor* seems to hold, as it is (partly) included in the original Coluber.

Zamenis aurigulus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 810, fig. 179.
TYPE LOCALITY: Cape St. Lucas, Lower California.
RANGE: Southern Lower California.

Coluber constrictor constrictor (LINNÉ)
BLACKSNAKE
Coluber constrictor (part) [1] LINNÉ
Syst. Nat. Ed. 10, Vol. 1, 1758, p. 216.
Zamenis constrictor (part) COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 791, fig. 171.
TYPE LOCALITY: "Habitat in America septentrionale."
RANGE: The whole of the Eastern United States westward to Texas and the Great Plains.

Coluber constrictor flaviventris [2] (SAY)
WESTERN OR BLUE RACER
Coluber flaviventris SAY
Long's Exp. Rocky Mts., Vol. 2, 1823, p. 185.
Coluber constrictor var. *flaviventris* GARMAN
Mem. Mus. Comp. Zoöl., Vol. 8, Pt. 3, 1883, p. 147.
TYPE LOCALITY: Stone quarry on west side of Missouri River 3 miles above the mouth of Boyer's River.
RANGE: Central, Southwestern and Pacific Coast states.

Coluber flagellum flagellum (SHAW)
COACH WHIP
Coluber flagellum SHAW
Gen. Zool., Vol. 3, 1802, p. 475.
Zamenis flagellum flagellum COPE
Ann. Rep. Nat. Mus. 1898 (1900), p. 799, fig. 174.
TYPE LOCALITY: Carolina and Virginia.
RANGE: Virginia to Florida, westward to the Rocky Mountains.

Coluber flagellum piceus [3] (COPE)
Bascanium piceum COPE
Proc. U. S. Nat. Mus., Vol. 14, March 28, 1892, p. 625.
Zamenis flagellum piceus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 804, fig. 175.

[1] For remarks upon the use by Linné of the name *constrictor* see the note under *Heterodon contortrix*.

[2] There are many colour phases within this species more or less intermediate between the black eastern form and the light coloured western form. Several of these have been given names but as yet it is not evident that they really constitute true geographic races and hence they are not recognized at present.

[3] *Bascanion flagellum frenatus* Stejneger 1893, not *Coluber frenatus* of Gravenhorst, 1807.

TYPE LOCALITY: Camp Grant, Arizona.
RANGE: Southern Arizona.

Coluber lateralis (HALLOWELL)

Leptophis lateralis HALLOWELL
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1853, p. 237.
Zamenis lateralis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 807, fig. 177.
TYPE LOCALITY: California.
RANGE: Southern and Lower California.

Coluber schotti (BAIRD and GIRARD)

Masticophis schotti BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 160.
Zamenis schotti COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 811, fig. 18a.
TYPE LOCALITY: Eagle Pass, Texas.
RANGE: Southern Texas and northeastern Mexico.

Coluber semilineatus (COPE)

Bascanium semilineatum COPE
Proc. U. S. Nat. Mus., Vol. 14, March 28, 1892, p. 626.
Zamenis semilineatus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 805, fig. 176.
TYPE LOCALITY: Camp Grant and Colorado River, Arizona.
RANGE: Arizona and the adjacent territory of Mexico.

Coluber taeniatus taeniatus (HALLOWELL)

Leptophis taeniata HALLOWELL
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 181.
Coluber taeniatus GARMAN
Mem. Mus. Comp. Zoöl., Vol. 8, Pt. 3, 1883, p. 46.
Zamenis taeniatus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 815, fig. 182.
TYPE LOCALITY: New Mexico west of Rio Grande.
RANGE: Idaho and Utah, southward to all the border states just entering Texas and California.

Coluber taeniatus girardi, nom. nov.

Masticophis ornatus [1] BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 102.
Zamenis ornatus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 813, fig. 181.
TYPE LOCALITY: "Between Indianola and El Paso," Texas.
RANGE: Western Texas.

[1] Nec *Coluber ornatus* Shaw, 1802.

Salvadora (*GENUS*)

BAIRD and GIRARD, Cat. N. Amer. Rept., Pt. 1, 1853, p. 104

TYPE: *grahamiae*

Salvadora grahamiae BAIRD and GIRARD

PATCH-NOSE SNAKE

Salvadora grahamiae BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 104.
Salvadora grahamiae (part) COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 818.

TYPE LOCALITY: Sonora, Mexico.

RANGE: Utah southward through all the border states, eastward of Arizona and into Mexico as far south as the state of Hidalgo.

Salvadora hexalepis (COPE)

Phimothyra hexalepis COPE
Proc. Ac. Nat. Sci. Phila., 1866, p. 304.
Salvadora hexalepis STEJNEGER
Proc. U. S. Nat. Mus., Vol. 25, Sept. 8, 1902, p. 154.
Salvadora grahamiae (part) COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 818, fig. 183.

TYPE LOCALITY: Fort Whipple, Arizona.

RANGE: Arizona, California and Lower California.

Phyllorhynchus (*GENUS*)

STEJNEGER, Proc. U. S. Nat. Mus., Vol. 13, Sept. 9, 1890, p. 151

TYPE: *browni*

Phyllorhynchus browni STEJNEGER

Phyllorhynchus browni STEJNEGER
Proc. U. S. Nat. Mus., Vol. 13, Sept. 9, 1890, p. 152.
Phyllorhynchus browni COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 821, fig. 184.

TYPE LOCALITY: Tucson, Arizona.

RANGE: Southern Arizona.

Phyllorhynchus decurtatus (COPE)

Phimothyra decurtata COPE
Proc. Ac. Nat. Sci. Phila., 1868, p. 310.
Phyllorhynchus decurtatus STEJNEGER
Proc. U. S. Nat. Mus., Vol. 13, 1890, p. 154.
Phyllorhynchus decurtatus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 823, fig. 186.

TYPE LOCALITY: "In the upper part of Lower California."

RANGE: Lower California.

Elaphe (*GENUS*)

FITZINGER in Wagler, Descr. Icon. Amphib., Pt. 3, 1833, text to plate 27

TYPE: *parreysii* = quatuorlineata

Elaphe bairdi (YARROW)

Coluber bairdi YARROW
Bull. U. S. Nat. Mus., No. 17, 1880, p. 41.
Coluber bairdii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 854, fig. 198.

TYPE LOCALITY: Fort Davis, 50 miles northwest of Presidio, Texas.

RANGE: Known from type locality only.

Elaphe chlorosoma (GÜNTHER)

Coluber chlorosoma GÜNTHER
Biol. Centr. Amer., Rept., 1894, p. 115, pl. 41.

TYPE LOCALITY: Atoyak and Amula in Guerrero and San Ramon in Jalisco, Mexico.

RANGE: Guerrero and Jalisco Mexico, northward to the Santa Rita Mountains in Arizona.

Elaphe guttata (LINNÉ)

CORN-SNAKE

Coluber guttatus LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 385.
Elaphis guttatus DUMÉRIL and BIBRON
Erp. Gén., Vol. 7, 1854, p. 273.
Coluber guttatus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 833, figs. 189, 190.

TYPE LOCALITY: Carolina.

RANGE: Maryland to Florida, Louisiana and Mississippi.

Elaphe laeta (BAIRD and GIRARD)

Scotophis laetus BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 77.
Coluber laetus COPE
Proc. U. S. Nat. Mus., Vol. 14, 1892, p. 606.
Coluber laetus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 850, fig. 196.
Coluber emoryi COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 852, fig. 197.

TYPE LOCALITY: Red River, Arkansas.

RANGE: Kansas southward to Central Mexico.

Elaphe obsoleta obsoleta (SAY)

PILOT BLACKSNAKE

Coluber obsoletus SAY
Long's Exp. Rocky Mts., Vol. 1, 1823, p. 140.
Elaphis obsoletus GARMAN
Mem. Mus. Comp. Zoöl., Vol. 8, Pt. 3, 1883, p. 54.
Coluber obsoletus obsoletus (part) COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 844, fig. 194.

TYPE LOCALITY: Isle au Vache [sic] to Council Bluffs on the Missouri River.

RANGE: Southern New England westward to Michigan, southward to Texas, Louisiana and Florida.

Elaphe obsoleta confinis (BAIRD and GIRARD)

Scotophis confinis BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 76.
Coluber confinis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 829, fig. 187.

TYPE LOCALITY: Anderson, South Carolina.

RANGE: South Atlantic and Gulf states and states of southern Mississippi Valley.

Elaphe obsoleta lindheimerii (BAIRD and GIRARD)

Scotophis lindheimerii BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 74.
Elaphis obsoletus var. *lindheimerii* GARMAN
Mem. Mus. Comp. Zoöl., Vol. 8, Pt. 3, 1883, p. 54.
Coluber obsoletus (part) COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 844.

TYPE LOCALITY: New Braunfels, Texas.

RANGE: Texas.

Elaphe quadrivittata (HOLBROOK)

CHICKEN-SNAKE

Coluber quadrivittatus HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 1, 1836, p. 113, pl. 21.
Elaphis quadrivittatus DUMÉRIL and BIBRON
Erp. Gén., Vol. 7, 1854, p. 265.
Coluber quadrivittatus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 838, fig. 192.

TYPE LOCALITY: "North Carolina to Florida and westward as far as the Mississippi."

RANGE: Carolina to Florida and west to the Mississippi River.

Elaphe rosaliae (MOCQUARD)

Coluber rosaliae MOCQUARD
Nouv. Arch. Mus. Hist. Nat. Paris, Ser. 4, Vol. 1, p. 321, pl. 12, figs. 1–1B.

TYPE LOCALITY: Sta. Rosalia, Lower California.
RANGE: Sta. Rosalia, Lower California.

Elaphe subocularis (BROWN)

Coluber subocularis BROWN
Proc. Ac. Nat. Sci. Phila., 1901, p. 492, pl. 29.

TYPE LOCALITY: Davis Mountains, Jeff Davis Co., 50 miles south of Pecos, Texas.
RANGE: Davis Mountains, Texas.

Elaphe vulpina (BAIRD and GIRARD)

FOX-SNAKE

Scotophis vulpinus BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 75.
Elaphe vulpinus RUTHVEN
Eleventh Ann. Rep. Michigan Ac. Sci., 1909, p. 110.
Coluber vulpinus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 831, fig. 188.

TYPE LOCALITY: Racine, Wisconsin.
RANGE: Indiana, Iowa, and Illinois, to Michigan and Minnesota.

Drymobius (*GENUS*)

FITZINGER, Syst. Rept., 1843, p. 26
TYPE: *margaritiferus*

Drymobius margaritiferus (SCHLEGEL)

Herpetodryas margaritiferus SCHLEGEL
Essai Physion. Serp., Vol. 2, 1837, p. 184.
Drymobius margaritiferus COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 561.

TYPE LOCALITY: New Orleans (in errore).
RANGE: Southwestern Texas to Venezuela and Colombia.

Drymarchon (*GENUS*)

FITZINGER, Syst. Rept., 1843, p. 26
TYPE: *corais*

Drymarchon corais couperi (HOLBROOK)

GOPHER-SNAKE, INDIGO-SNAKE

Coluber couperi HOLBROOK
N. Amer. Herp., Ed. 2, Vol. 3, 1842, p. 75, pl. 16.

Drymarchon corais couperi STRECKER
Baylor Bulletin, Vol. 18, No. 4, Aug., 1915, p. 32.
Compsosoma corais couperii (part) COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 858, figs. 199, 200.

TYPE LOCALITY: Dry pine hills south of Alatamaha, Georgia.
RANGE: Carolinas to Florida, westward to Texas.

Drymarchon corais melanurus (DUMÉRIL and BIBRON)

Spilotes melanurus DUMÉRIL and BIBRON
Erp. Gén., Vol. 7, 1854, p. 224.
Drymarchon corais melanurus STEJNEGER
N. Amer. Fauna, No. 14, 1899, p. 70.

TYPE LOCALITY: Mexico.
RANGE: Extreme southeastern Texas to northwestern South America.

Arizona (*GENUS*)

KENNICOTT, U. S. Mex. Bound. Surv., Vol. 2, 1859, Rept. p. 18
TYPE: *elegans*

Arizona elegans KENNICOTT

Arizona elegans KENNICOTT
U. S. Mex. Bound. Surv., Vol. 2, 1859, Rept. p. 18, pl. 13.
Rhinechis elegans COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 863, fig. 201.

TYPE LOCALITY: Rio Grande, Texas, and between Arkansas and Cimarron, Oklahoma.
RANGE: Border states of United States and northern states of Mexico.

Pituophis (*GENUS*)

HOLBROOK, N. Amer. Herp., Ed. 2, Vol. 4, 1842, p. 7
TYPE: *melanoleucus*

Pituophis catenifer catenifer (BLAINVILLE)
WESTERN BULL-SNAKE

Coluber catenifer BLAINVILLE
Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 290, pl. 26, figs. 2–2B.
Pituophis catenifer BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 69.
Pityophis catenifer COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 876, fig. 208.

TYPE LOCALITY: California.
RANGE: California to British Columbia.

Pituophis catenifer deserticola STEJNEGER

Pituophis catenifer deserticola STEJNEGER
N. Amer. Fauna, No. 7, May 31, 1893, p. 206.

TYPE LOCALITY: Great basin and southwestern deserts.

RANGE: Desert regions of southern California, Nevada, and perhaps also southern Idaho and eastern Oregon.

Pituophis melanoleucus (DAUDIN)

PINE SNAKE

Coluber melanoleucus DAUDIN
Hist. Nat. Rept., Vol. 6, 1803, p. 409.
Pituophis melanoleucus HOLBROOK
N. Amer. Herp., Ed. 2, Vol. 4, 1842, p. 7, pl. 1.
Pityophis melanoleucus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 867, fig. 203.

TYPE LOCALITY: South Carolina and Florida.

RANGE: Pine barrens of southern New Jersey to Florida.

Pituophis sayi (SCHLEGEL)

BULL-SNAKE

Coluber sayi SCHLEGEL
Essai Physion. Serp., Vol. 2, 1837, p. 157.
Pityophis sayi sayi COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 870, fig. 204.

TYPE LOCALITY: Missouri.

RANGE: Texas to Minnesota.

Pituophis vertebralis (BLAINVILLE)

Coluber vertebralis BLAINVILLE
Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 293, pl. 27, figs. 2–2B.
Pituophis vertebralis DUMÉRIL and BIBRON
Erp. Gén., Vol. 7, 1854, p. 238.
Pityophis vertebralis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 879, fig. 209.

TYPE LOCALITY: California, a term which formerly included Lower California.

RANGE: Lower California.

Leimadophis (*GENUS*)

FITZINGER, Syst. Rept., 1843, p. 26
TYPE: *almadensis* = reginae

Leimadophis flavilatus (COPE)

Dromicus flavilatus COPE
Proc. Ac. Nat. Sci. Phila., 1871, p. 222.

Rhadinaea flavilata COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 759, fig. 164.
TYPE LOCALITY: Fort Macon, North Carolina.
RANGE: The Carolinas to Florida.

Lampropeltis (*GENUS*)

FITZINGER, Syst. Rept., 1843, p. 25
TYPE: *getulus* Schlegel, nec Linné = holbrooki

Lampropeltis alterna (BROWN)

Ophibolus alternus BROWN
Proc. Ac. Nat. Sci. Phila. 1901 (Feb. 6, 1902), p. 612.
TYPE LOCALITY: Davis Mountains, Jeff Davis Co., Texas.
RANGE: Davis Mountains, Texas.

Lampropeltis boylii boylii (BAIRD and GIRARD)

Ophibolus boylii BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 82.
Lampropeltis boylii COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 255.
Ophibolus getulus boylii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 919, fig. 230.
TYPE LOCALITY: El Dorado County, California.
RANGE: Arizona, western Nevada, California.

Lampropeltis boylii conjuncta COPE

Lampropeltis boylii var. *conjuncta* COPE
Proc. Ac. Nat. Sci., 1861, p. 301.
TYPE LOCALITY: Cape St. Lucas, Lower California.
RANGE: Southwestern Arizona and Lower California.

Lampropeltis californiae (BLAINVILLE)

Coluber (*Ophis*) *californiae* BLAINVILLE
Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 292, pl. 27, figs. 1–1B.
Lampropeltis californiae VAN DENBURGH
Occ. Papers California Ac. Sci., No. 5, 1897, p. 172.
Ophibolus getulus californiae COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 922, fig. 231.
TYPE LOCALITY: California.
RANGE: Southern California.

Lampropeltis calligaster (SAY)

Coluber calligaster SAY
Journ. Ac. Nat. Sci. Phila., Vol. 5, 1827, p. 359.

Lampropeltis calligaster COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 255.
Ophibolus calligaster COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 905, fig. 223.
TYPE LOCALITY: Missouri.
RANGE: Illinois and Wisconsin to Texas.

Lampropeltis elapsoides (HOLBROOK)
Coluber elapsoides HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 2, 1838, p. 123, pl. 28.
Osceola elapsoidea COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 900, fig. 221.
TYPE LOCALITY: South Carolina and Georgia.
RANGE: Southeastern states to Florida and Louisiana.

Lampropeltis getulus[1] (LINNÉ)
KING-SNAKE, CHAIN-SNAKE
Coluber getulus LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 382.
Lampropeltis getula COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 255.
Ophibolus getulus getulus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 914, figs. 227, 228.
TYPE LOCALITY: Carolina.
RANGE: Southern New England to Florida.

Lampropeltis holbrooki STEJNEGER
Lampropeltis holbrooki STEJNEGER
Proc. U. S. Nat. Mus., Vol. 25, Sept. 8, 1902, p. 152.
Ophibolus getulus sayi COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 911, fig. 226.
TYPE LOCALITY: Valley of the Mississippi.
RANGE: Louisianna to Texas, northward through the states of the Mississippi basin to Illinois and Indiana.

Lampropeltis nitida VAN DENBURGH
Lampropeltis nitida VAN DENBURGH
Proc. California Ac. Sci., Ser. 2, Vol. 5, 1895, p. 143, pl. 14.
TYPE LOCALITY: San José del Cabo, Lower California.
RANGE: Southern Lower California.

Lampropeltis pyromelaena pyromelaena (COPE)
Ophibolus pyromelanus COPE
Proc. Ac. Nat. Sci. Phila., 1866, p. 305.

[1] The various forms closely allied to *getulus* are all treated binominally since they are as yet very imperfectly known.

Lampropeltis pyrrhomelaena STEJNEGER
Proc. U. S. Nat. Mus., Vol. 25, 1902, p. 152.
Ophibolus pyrrhomelas COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 907, fig. 224.

TYPE LOCALITY: Fort Whipple, Arizona.
RANGE: Southern Arizona.

Lampropeltis pyromelaena celaenops STEJNEGER

Lampropeltis pyrrhomelaena celaenops STEJNEGER
Proc. U. S. Nat. Mus., Vol. 25, Sept. 8, 1902, p. 153.

TYPE LOCALITY: Mesilla Valley, New Mexico.
RANGE: New Mexico and Eastern Arizona.

Lampropeltis pyromelaena multicincta (YARROW)

Ophibolus getulus multicinctus YARROW
Proc. U. S. Nat. Mus., Vol. 5, 1882, p. 440.
Lampropeltis pyrrhomelaena multicincta STEJNEGER
Proc. U. S. Nat. Mus., Vol. 25, Sept. 8, 1902, p. 153.

TYPE LOCALITY: Fresno, California.
RANGE: California.

Lampropeltis rhombomaculata (HOLBROOK)

Coluber rhombomaculatus HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 4, 1840, p. 103, pl. 20.
Lampropeltis rhombomaculata COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 255.
Ophibolus rhombomaculatus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 903, fig. 222.

TYPE LOCALITY: Georgia and Alabama.
RANGE: Maryland to Georgia and Alabama.

Lampropeltis splendida (BAIRD and GIRARD)

Ophibolus splendidus BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 83.
Lampropeltis splendida COPE
Proc. Nat. Sci. Phila., 1860, p. 255.
Ophibolus getulus splendidus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 918, fig. 229.

TYPE LOCALITY: Sonora, Mexico.
RANGE: Northern Mexico and the Boundary region.

Lampropeltis triangulum triangulum (LACÉPÈDE)
MILK-SNAKE

Coluber triangulum LACÉPÈDE
Hist. Nat. Quadr. Ovip. Serp., Vol. 2, 1788, tabl. méth., p. 86.

Lampropeltis triangula COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 256.
Osceola doliata triangula COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 885, figs. 210–215.

TYPE LOCALITY: America.

RANGE: Eastern North America from Massachusetts to Iowa, south to Virginia and in the mountains further south.

Lampropeltis triangulum amaura (COPE)

Lampropeltis amaura COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 258.
Osceola doliata coccinea COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 896, figs. 220, 216, (not of Schlegel).

TYPE LOCALITY: " Unknown " (original entry of type U.S. Nat. Mus. No. 5282 reads " ? Mississippi ").

RANGE: Eastern United States, west to Texas, south to the Gulf.

Lampropeltis triangulum gentilis (BAIRD and GIRARD)

Ophibolus gentilis BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 90.
Osceola doliata gentilis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 894, figs. 218, 219.

TYPE LOCALITY: North Fork, Red River, near Sweetwater Creek, Wheeler Co., Texas.

RANGE: Texas and northwestern Mexico.

Stylophis [1] (*GENUS*)

BERG, Comun. Mus. Nac. Buenos Aires, Vol. 1, 1901, p. 290
TYPE: *extenuatus*

Stylophis extenuatus (BROWN)

Stilosoma extenuatum BROWN
Proc. Ac. Nat. Sci. Phila., 1890, p. 199.
Stilosoma extenuatum COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 924, fig. 232.

TYPE LOCALITY: Lake Kerr, Marion County, Florida.

RANGE: North central Florida.

[1] *Nom. nov.* for *Stilosoma* Brown, preoccupied.

Contia (*GENUS*)

BAIRD and GIRARD, Cat. N. Amer. Rept., Pt. 1, 1853, p. 110

TYPE: *mitis* = tenuis

Contia tenuis (BAIRD and GIRARD)

Calamaria tenuis BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 176.
Contia mitis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 925, fig. 233.
Lodia tenuis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 927, fig. 234.

TYPE LOCALITY: Puget Sound, Washington.
RANGE: Southern California to Puget Sound.

Cemophora (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1860, p. 244

TYPE: *coccinea*

Cemophora coccinea (BLUMENBACH)

Coluber coccineus BLUMENBACH
Voigt's Mag. Neu. Phys. Naturg., Vol. 5, Pt. 1, 1788, p. 11, pl. 1.
Cemophora coccinea COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 244.
Cemophora coccinea COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 928, fig. 235.

TYPE LOCALITY: Florida.
RANGE: Maryland to Alabama, Louisiana and Florida.

Rhinocheilus (*GENUS*)

BAIRD and GIRARD, Cat. N. Amer. Rept., Pt. 1, 1853, p. 120

TYPE: *lecontei*

Rhinocheilus lecontei BAIRD and GIRARD

Rhinocheilus lecontei BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, p. 120.
Rhinochilus lecontei COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 931, fig. 236.

TYPE LOCALITY: San Diego, California.
RANGE: Southern California to Texas, northern Mexico.

Sonora (*GENUS*)

BAIRD and GIRARD, Cat. N. Amer. Rept. Pt. 1, 1853, p. 117

TYPE: *semiannulata*

Sonora episcopa (KENNICOTT)

Lamprosoma episcopum KENNICOTT
U. S. Mex. Bound. Surv., Vol. 2, 1859, Rept. p. 22, pl. 8, fig. 2.
Sonora episcopa VAN DENBURGH
Proc. California Ac. Sci., Ser. 4, Vol. 3, 1913, p. 411.
Chionactis episcopus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 937, fig. 238.

TYPE LOCALITY: Eagle Pass, and between San Antonio and the Rio Grande, Texas.

RANGE: Texas to southeastern California and the adjacent regions of Mexico.

Sonora occipitalis (HOLLOWELL)

Rhinostoma occipitale HALLOWELL
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 95.
Sonora occipitalis VAN DENBURGH
Proc. California Ac. Sci., Ser. 4, Vol. 3, 1913, p. 411.
Chionactis occipitalis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 941, fig. 240.

TYPE LOCALITY: Mojave Desert.

RANGE: Southeastern California, Arizona, Colorado

Sonora semiannulata BAIRD and GIRARD

Sonora semiannulata BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 117.
Chionactis episcopus isozonus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 939, fig. 239.

TYPE LOCALITY: Sonora, Mexico.

RANGE: Utah to Nevada, Arizona, southern Kansas and Texas.

Sonora taylori (BOULENGER)

Contia taylori BOULENGER
Cat. Snakes Brit. Mus., Vol. 2, 1894, p. 265, pl. 12, fig. 3.
Chionactis taylorii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 936.

TYPE LOCALITY: Duval County, Texas, and Nuevo Leon, Mexico.

RANGE: Southern Texas and northeastern Mexico.

Ficimia (*GENUS*)

GRAY, Cat. Snakes Brit. Mus., 1849, p. 80

TYPE: *olivacea*

Ficimia cana (COPE)

Gyalopion canum COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 243.
Ficimia cana GARMAN
Mem. Mus. Comp. Zoöl., Vol. 8, Pt. 3, 1883, p. 83.
Gyalopium canum COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 947, fig. 241.

TYPE LOCALITY: Fort Buchanan, Arizona.
RANGE: Western Texas to Arizona.

Hypsiglena (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1860, p. 246

TYPE: *ochrorhynchus*

Hypsiglena ochrorhynchus ochrorhynchus (COPE)

Hypsiglena ochrorhynchus COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 246.
Hypsiglena ochrorhyncha COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 953, fig. 245.

TYPE LOCALITY: Cape St. Lucas, Lower California.
RANGE: Southern and Lower California, southern Arizona, northwestern Mexico.

Hypsiglena ochrorhynchus texana (STEJNEGER)

Hypsiglena texana STEJNEGER
N. Amer. Fauna, No. 7, 1893, p. 205.

TYPE LOCALITY: Between Laredo and Camargo, Texas.
RANGE: Southwestern Texas.

Chilomeniscus (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1860, p. 339

TYPE: *stramineus*

Chilomeniscus ephippicus COPE

Chilomeniscus ephippicus COPE
Proc. Ac. Nat. Sci. Phila., 1867, p. 85.
Chilomeniscus ephippicus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 950, fig. 243.

TYPE LOCALITY: Owens Valley, California.
RANGE: Southern Arizona and California.

Chilomeniscus fasciatus COPE)

Chilomeniscus stramineus fasciatus COPE
Proc. U. S. Nat. Mus., Vol. 14, 1892, p. 595.
Chilomeniscus fasciatus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 951, fig. 244.

TYPE LOCALITY: La Paz, Lower California.
RANGE: Lower California.

Chilomeniscus stramineus COPE

Chilomeniscus stramineus COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 339.
Chilomeniscus stramineus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 949, fig. 242.

TYPE LOCALITY: Cape St. Lucas, Lower California.
RANGE: Southern Lower California.

Natrix (*GENUS*)

LAURENTI, Syn. Rept., 1768, p. 73
TYPE: *vulgaris* = natrix

Natrix clarkii (BAIRD and GIRARD)

Regina clarkii BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 48.
Natrix clarkii COPE
Proc. U. S. Nat. Mus., Vol. 14, 1892, p. 669.
Natrix clarkii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 987, fig. 261.

TYPE LOCALITY: Indianola, Texas.
RANGE: Coastal regions of northwest Florida to Texas.

Natrix compressicauda (KENNICOTT)
SALT-WATER MOCCASIN

Nerodia compressicauda KENNICOTT
Proc. Ac. Nat. Sci. Phila., 1860, p. 335.
Natrix compressicauda COPE
Proc. U. S. Nat. Mus., Vol. 11, 1889, p. 392.
Natrix compressicauda COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 978, fig. 255.

TYPE LOCALITY: Tampa Bay, Florida.
RANGE: Southwestern Florida, especially the mangrove swamps of the extreme southern coast and the Keys.

Natrix cyclopion (DUMÉRIL and BIBRON)

Tropidonotus cyclopion DUMÉRIL and BIBRON
Erp. Gén., Vol. 7, 1854, p. 576.

Natrix cyclopium COPE
Proc. U. S. Nat. Mus., Vol. 14, 1892, p. 673.
Natrix cyclopium COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 961, figs. 247, 248.
TYPE LOCALITY: New Orleans.
RANGE: Florida to Louisiana and northward up the Mississippi Valley to Southern Illinois.

Natrix grahamii (BAIRD and GIRARD)
Regina grahamii BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 47.
Natrix grahamii COPE
Proc. U. S. Nat. Mus., Vol. 14, 1892, p. 668.
Natrix grahamii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 991, fig. 264.
TYPE LOCALITY: Rio Salado, Texas.
RANGE: Illinois southward to Louisiana and Texas.

Natrix kirtlandii (KENNICOTT)
Regina kirtlandii KENNICOTT
Proc. Ac. Nat. Sci. Phila., 1856, p. 95.
Natrix kirtlandii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 995, fig. 266.
TYPE LOCALITY: Northern Illinois.
RANGE: Michigan, Wisconsin, Illinois, Indiana, and Ohio.

Natrix rhombifera (HALLOWELL)
Tropidonotus rhombifer HALLOWELL
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 177.
Natrix rhombifera COPE
Proc. U. S. Nat. Mus., Vol. 11, 1889, p. 398.
Natrix rhombifera COPE
Rep. U. S. Nat. Mus. 1898 (1900), p. 963, fig. 249.
TYPE LOCALITY: Arkansas River and its tributaries near the northern boundary of the Creek Nation.
RANGE: Southern Illinois and Indiana south to Texas and Louisiana.

Natrix rigida (SAY)
Coluber rigidus SAY
Journ. Ac. Nat. Sci. Phila., Vol. 4, Pt. 2, 1825, p. 239.
Natrix rigida COPE
Proc. U. S. Nat. Mus., Vol. 14, 1892, p. 668.
Natrix rigida COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 989, fig. 262.
TYPE LOCALITY: The Southern States.
RANGE: The Carolinas to Florida.

Natrix septemvittata (SAY)

MOON-SNAKE, QUEEN-SNAKE

Coluber septemvittatus SAY
Journ. Ac. Nat. Sci. Phila., Vol. 4, Pt. 2, 1825, p. 240.
Natrix septemvittata COPE
Trans. Amer. Philos. Soc., Vol. 18, 1895, p. 216.
Natrix leberis [1] COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 993, fig. 265.

TYPE LOCALITY: Pennsylvania.

RANGE: Central, Eastern and Gulf States from Pennsylvania, Ohio and Wisconsin southward.

Natrix sipedon sipedon (LINNÉ)

WATER SNAKE

Coluber sipedon LINNÉ
Syst. Nat., Ed. 10, Vol. 1, 1758, p. 219.
Natrix sipedon KIRSCH
Bull. U. S. Fish Comm., Vol. 14, 1895, p. 333.
Natrix fasciata sipedon COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 969, fig. 251.

TYPE LOCALITY: North America.

RANGE: Northern and northeastern United States.

Natrix sipedon fasciata [2] (LINNÉ)

Coluber fasciatus LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 378.
Natrix fasciata fasciata COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 966, fig. 250.

TYPE LOCALITY: Carolina.

RANGE: Virginia to Florida, westward to Louisiana and northward up the Mississippi through all the central states to Nebraska and Indiana.

Natrix sipedon pictiventris COPE

Natrix fasciata pictiventris COPE
Amer. Nat., Vol. 29, 1895, p. 677.
Natrix fasciata pictiventris COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 969.

TYPE LOCALITY: Palatka, Florida.

RANGE: Peninsula of Florida.

[1] Not *Coluber leberis* of Linné.

[2] Apparent forms which are more or less uniformly rufescent are found in the ranges of both the subspecies *fasciata* and *sipedon*. To these the names of *Natrix sipedon erythrogaster* Forster (in Bossu, Travels through North America, Vol. 1, 1771, p. 364, footnote) and *Natrix sipedon fulviventer* Rafinesque (Ann. Nat., 1820, No. 1, p. 6) have been given.

Natrix sipedon transversa (HALLOWELL)

Tropidonotus transversus HALLOWELL
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 177.
Natrix sipedon transversa HURTER
Herp. Missouri, 1911, p. 157.
Natrix fasciata transversa COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 973, fig. 252.

TYPE LOCALITY: Creek boundary, found near the banks of the Arkansas and its tributaries.

RANGE: Texas, Oklahoma, Arkansas.

Natrix taxispilota (HOLBROOK)

WATER-PILOT

Tropidonotus taxispilotus HOLBROOK
N. Amer. Herp., Ed. 2, Vol. 4, 1842, p. 35, pl. 8.
Natrix taxispilota COPE
Proc. U. S. Nat. Mus., Vol. 11, 1889, p. 392.
Natrix taxispilota COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 959, fig. 246.

TYPE LOCALITY: South Carolina seaboard and the Altamaha River, Georgia.

RANGE: The Carolinas to Florida, west to Louisiana.

Natrix valida (KENNICOTT)

Regina valida KENNICOTT
Proc. Ac. Nat. Sci. Phila., 1860, p. 334.
Natrix valida COPE
Proc. U. S. Nat. Mus., Vol. 14, 1892, p. 670.
Natrix valida COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 984, figs. 258, 259.

TYPE LOCALITY: Durango, Mexico.

RANGE: Western Mexico, Lower California.

Seminatrix (*GENUS*)

COPE, Amer. Nat., Vol. 29, 1895, p. 678

TYPE: *pygaea*

Seminatrix pygaea (COPE)

Contia pygaea COPE
Proc. Ac. Nat. Sci. Phila., 1871, p. 223.
Seminatrix pygaea COPE
Amer. Nat., Vol. 29, 1895, p. 678.
Seminatrix pygaea COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 998, fig. 267.

TYPE LOCALITY: Volusia, Florida.

RANGE: Florida peninsula.

Storeria (*GENUS*)

BAIRD and GIRARD, Cat. N. Amer. Rept., Pt. 1, 1853, p. 135

TYPE: *dekayi*

Storeria dekayi (HOLBROOK)

DEKAY'S SNAKE

Tropidonotus dekayi HOLBROOK
N. Amer. Herp., Ed. 2, Vol. 4, 1842, p. 53, pl. 14.
Storeria dekayi BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 135.
Storeria dekayi COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1000, fig. 268.

TYPE LOCALITY: Massachusetts and New York.
RANGE: Eastern North America, Ontario to Vera Cruz, west to Kansas.

Storeria occipito-maculata (STORER)

RED-BELLIED SNAKE

Coluber occipito-maculatus STORER
Rep. Fish. Rept. Birds Massachusetts, 1839, p. 230.
Storeria occipito-maculata BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 137.
Storeria occipitomaculata COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1003, fig. 269.

TYPE LOCALITY: Amherst, Mass.
RANGE: Ontario to Vera Cruz, westward to Kansas.

Storeria victa HAY

Storeria victa HAY
Science (N. S.), Vol. 19, April 8, 1892, p. 199.

TYPE LOCALITY: Oklawaha River, some distance north of Kissimmee, Florida.
RANGE: Florida.

Virginia (*GENUS*)

BAIRD and GIRARD, Cat. N. Amer. Rept., Pt. 1, 1853, p. 127

TYPE: *valeriae*

Virginia elegans KENNICOTT

Virginia elegans KENNICOTT
Proc. Ac. Nat. Sci. Phila, 1859, p. 99.
Virginia elegans COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1007, fig. 271.

TYPE LOCALITY: Heavily timbered regions of southern Illinois.
RANGE: Illinois, Indiana and Missouri southward to Texas.

Virginia valeriae BAIRD and GIRARD

Virginia valeriae BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 127.
Virginia valeriae COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1006, fig. 270.

TYPE LOCALITY: Kent County, Maryland.
RANGE: New Jersey to South Carolina, west to Tennessee.

Amphiardis (*GENUS*)

COPE, Proc. U. S. Nat. Mus., Vol. 11, 1889, p. 391
TYPE: *inornata*

Amphiardis inornatus (GARMAN)

Virginia inornata GARMAN
Mem. Mus. Comp. Zoöl., Vol. 8, Pt. 3, 1883, p. 97.
Amphiardis inornatus COPE
Proc. U. S. Nat. Mus., Vol. 14, 1892, p. 675.
Amphiardis inornatus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1009.

TYPE LOCALITY: Dallas, Texas.
RANGE: Texas.

Potamophis (*GENUS*)

FITZINGER, Syst. Rept., 1843, p. 25
TYPE: *striatulus*

Potamophis striatulus (LINNÉ)

Coluber striatulus LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 375.
Potamophis striatulus GARMAN
Bull. Essex Inst., Vol. 24, 1892, p. 105.
Haldea striatula COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1009, fig. 272.

TYPE LOCALITY: Carolina.
RANGE: Virginia and Minnesota southward to the Gulf States.

Tropidoclonion (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1860, p. 76
TYPE: *lineatum*

Tropidoclonion lineatum (HALLOWELL)

Microps lineatus HALLOWELL
Proc. Ac. Nat. Sci. Phila., 1856, p. 241.
Tropidoclonion lineatum COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 76.

Tropidoclonium lineatum COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1011, fig. 273.

TYPE LOCALITY: Kansas.

RANGE: Ohio to Iowa and southeastern South Dakota and through Missouri, Kansas and Arkansas to Oklahoma and Texas.

Liodytes (*GENUS*)

COPE, Proc. Amer. Philos. Soc., Vol. 22, 1885, p. 194

TYPE: *alleni*

Liodytes alleni (GARMAN)

Helicops alleni GARMAN
Proc. Boston Soc. Nat. Hist., Vol. 17, 1874, p. 92.

Liodytes alleni COPE
Proc. U. S. Nat. Mus., Vol. 11, 1888, p. 393.

Liodytes allenii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1013, fig. 274.

TYPE LOCALITY: Jacksonville, Florida.

RANGE: Florida.

Thamnophis (*GENUS*)

FITZINGER, Syst. Rept., 1843, p. 26

TYPE: *sauritus*

THE GARTER-SNAKES

Thamnophis angustirostris (KENNICOTT)

Eutaenia angustirostris KENNICOTT
Proc. Ac. Nat. Sci. Phila., 1860, p. 332.

Thamnophis angustirostris RUTHVEN
Bull. U. S. Nat. Mus., No. 61, 1908, p. 120.

Eutaenia angustirostris COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1047, fig. 290.

TYPE LOCALITY: Parras, Coahuila, Mexico.

RANGE: Southeastern Arizona and southwestern New Mexico, south to Coahuila and Durango.

Thamnophis butleri (COPE)

Eutaenia butleri COPE
Proc. U. S. Nat. Mus., Vol. 11, 1889, p. 399.

Thamnophis butleri STEJNEGER
Proc. U. S. Nat. Mus., Vol. 17, 1895, p. 593.

Eutaenia butlerii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1031, fig. 281.

TYPE LOCALITY: Richmond, Indiana.

RANGE: Western Pennsylvania, through Ohio and Indiana, southern Michigan.

Thamnophis eques (REUSS)

Coluber eques REUSS
Mus. Senckenberg. Abh., Vol. 1, 1834, p. 152, pl. 8, fig. 2.
Thamnophis eques RUTHVEN
Bull. U. S. Nat. Mus., No. 61, 1908, p. 158.
Eutaenia eques COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1049, figs. 291–293.

TYPE LOCALITY: Mexico.
RANGE: Arizona and New Mexico southward to Guatemala.

Thamnophis hammondii (KENNICOTT)

Eutaenia hammondii KENNICOTT
Proc. Ac. Nat. Sci. Phila., 1860, p. 322.
Thamnophis hammondii STEJNEGER
N. Amer. Fauna, No. 7, 1893, p. 212.
Eutaenia elegans couchii (part) COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1042, fig. 288.

TYPE LOCALITY: San Diego and Fort Tejon, California.
RANGE: Southern California and northern Lower California.

Thamnophis marcianus (BAIRD and GIRARD)

Eutainia marciana BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 36.
Thamnophis marcianus RUTHVEN
Bull. U. S. Nat. Mus., No. 61, 1908, p. 58.
Eutaenia elegans marciana COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1044, fig. 289.

TYPE LOCALITY: "Red River, Arkansas" (Oklahoma).
RANGE: Oklahoma and Texas west to southeastern California, northeastern Mexico.

Thamnophis megalops (KENNICOTT)

Eutaenia megalops KENNICOTT
Proc. Ac. Nat. Sci. Phila., 1860, p. 330.
Thamnophis megalops RUTHVEN
Bull. U. S. Nat. Mus., No. 61, 1908, p. 44.
Eutaenia megalops COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1025, fig. 278.

TYPE LOCALITY: Tucson and Sta. Magdalena, Arizona.
RANGE: The whole Mexican plateau region north to Arizona and southwestern New Mexico.

Thamnophis ordinoides ordinoides (BAIRD and GIRARD)

Tropidonotus ordinoides BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 176.

Thamnophis ordinoides RUTHVEN
Bull. U. S. Nat. Mus., No. 61, 1908, p. 147.
Eutaenia elegans ordinoides COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1046.
TYPE LOCALITY: Puget Sound.
RANGE: Coastal region of California, Oregon and Washington.

Thamnophis ordinoides elegans (BAIRD and GIRARD)
Eutainia elegans BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 34.
Thamnophis ordinoides elegans RUTHVEN
Bull. U. S. Nat. Mus., No. 61, 1908, p. 138.
Eutaenia elegans elegans COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1036, fig. 284.
TYPE LOCALITY: El Dorado County, California.
RANGE: New Mexico northward to Wyoming westward to the Pacific coast states.

Thamnophis proximus (SAY)
Coluber proximus SAY
Long's Exp. Rocky Mts., Vol. 1, 1823, p. 187.
Thamnophis proxima GARMAN
Bull. Essex Inst., Vol. 24, 1892, p. 105.
Thamnophis sauritus proximus RUTHVEN
Bull. U. S. Nat. Mus., No. 61, 1908, p. 98.
Eutaenia proxima COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1022, fig. 277.
TYPE LOCALITY: Stone quarry on west side of Missouri River, 3 miles above the mouth of Boyer's River.
RANGE: Nebraska, northern Iowa and southern Wisconsin south to Louisiana and Texas and through Mexico to the coastal region of Yucatan and British Honduras.

Thamnophis radix (BAIRD and GIRARD)
Eutainia radix BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 34.
Thamnophis radix JORDAN
Man. Vertebr. Anim. North. U. S., 8 Ed., 1899, p. 193.
Eutaenia radix COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1026, fig. 279.
TYPE LOCALITY: Racine, Wisconsin.
RANGE: The Great Plains from Kansas and Missouri to the Canadian Northwest.

Thamnophis sackenii (KENNICOTT)
Eutaenia sackenii KENNICOTT
Proc. Ac. Nat. Sci. Phila., 1859, p. 98.

Thamnophis sauritus sackeni RUTHVEN
Bull. U. S. Nat. Mus., No. 61, 1908, p. 107.
Eutaenia sackenii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1019, fig. 275.
TYPE LOCALITY: Florida.
RANGE: The entire state of Florida, and southern Mississippi.

Thamnophis sauritus (LINNÉ)
RIBBON SNAKE
Coluber saurita LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 385.
Thamnophis saurita STEJNEGER
N. Amer. Fauna, No. 7, 1893, p. 210.
Eutaenia saurita COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1020, fig. 276.
TYPE LOCALITY: Carolina.
RANGE: Michigan, Ontario and Maine, south to Mississippi, Alabama and Georgia.

Thamnophis sirtalis sirtalis (LINNÉ)
Coluber sirtalis LINNÉ
Syst. Nat., Ed. 10, Vol. 1, 1758, p. 222.
Thamnophis sirtalis GARMAN
Bull. Essex Inst., Vol. 24, 1892, p. 104.
Eutaenia sirtalis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1064, figs. 298–303.
TYPE LOCALITY: Canada.
RANGE: Eastern United States and Canada north to about the 50th degree of latitude west to Minnesota, Wisconsin and Missouri.

Thamnophis sirtalis concinnus (HALLOWELL)
Tropidonotus concinnus HALLOWELL
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 182.
Thamnophis sirtalis concinnus RUTHVEN
Bull. U. S. Nat. Mus., No. 61, 1908, p. 173.
Eutaenia sirtalis concinna COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1081, fig. 306.
TYPE LOCALITY: Oregon.
RANGE: Coast region of southwestern British Columbia, Vancouver Island, Washington and Oregon, west of the Sierra Nevada.

Thamnophis sirtalis parietalis (SAY)
Coluber parietalis SAY
Long's Exp. Rocky Mts., Vol. 1, 1823, p. 186.

Thamnophis sirtalis var. *parietalis* JORDAN
Man. Vertebr. Anim. North. U. S., 8 Ed., 1899, p. 193
Eutaenia sirtalis parietalis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1077, fig. 304.

TYPE LOCALITY: Stone quarry on west side of Missouri River, 3 miles above the mouth of Boyer's River.

RANGE: Missouri to the coast of California, northward in Oregon and Washington only east of the Sierra Nevada, Manitoba.

Coniophanes (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1860, p. 248
TYPE: *fissidens*

Coniophanes imperialis (BAIRD)

Taeniophis imperialis BAIRD
U. S. Mex. Bound. Surv., Vol. 2, 1859, Rept., p. 23, pl. 19, fig. 1.
Coniophanes imperialis COPE
Proc. Ac. Nat. Sci. Phila., 1861, p. 74.
Coniophanes imperialis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1097, fig. 313.

TYPE LOCALITY: Brownsville, Texas.

RANGE: Southeastern Texas to Vera Cruz.

Leptodeira (*GENUS*)

FITZINGER, Syst. Rept., 1843, p. 27
TYPE: *annulata*

Leptodeira septentrionalis (KENNICOTT)

Dipsas septentrionalis KENNICOTT
U. S. Mex. Bound. Surv., Vol. 2, 1859, Rept., p. 16, pl. 8, fig. 1.
Leptodeira septentrionalis STEJNEGER
Proc. U. S. Nat. Mus., Vol. 14, 1891, p. 505.
Sibon septentrionale COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1107, fig. 316.

TYPE LOCALITY: Matamoros, Mexico and Brownsville, Texas.

RANGE: Southern Texas and northeastern Mexico.

Trimorphodon (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1861, p. 297
TYPE: *lyrophanes*

Trimorphodon lyrophanes (COPE)

Lycodon lyrophanes COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 343.

Trimorphodon lyrophanes COPE
Proc. Ac. Nat. Sci. Phila., 1861, p. 297.
Trimorphodon lyrophanes COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1102, fig. 314.

TYPE LOCALITY: Cape St. Lucas, Lower California.
RANGE: Southern Arizona and Lower California.

Tantilla (*GENUS*)

BAIRD and GIRARD, Cat. N. Amer. Rept., Pt. 1, 1853, p. 131
TYPE: *coronata*

Tantilla coronata BAIRD and GIRARD

Tantilla coronata BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 131.
Tantilla coronata COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1114, fig. 320.

TYPE LOCALITY: Kemper County, Mississippi.
RANGE: Southeastern United States.

Tantilla eiseni STEJNEGER

Tantilla eiseni STEJNEGER
Proc. U. S. Nat. Mus., Vol. 18, April 16, 1896, p. 117.

TYPE LOCALITY: Fresno, California.
RANGE: Southern California.

Tantilla gracilis BAIRD and GIRARD

Tantilla gracilis BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 132.
Tantilla gracilis COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1111, fig. 318.

TYPE LOCALITY: Indianola, Texas.
RANGE: Missouri to Texas.

Tantilla planiceps (BLAINVILLE)

Coluber planiceps BLAINVILLE
Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 294, pl. 27, figs. 3–3B.
Tantilla planiceps COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1113.
Tantilla nigriceps COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1113, fig. 319.

TYPE LOCALITY: California.
RANGE: Kansas to Texas and westward to California, and Lower California.

Tantilla wilcoxi STEJNEGER

Tantilla wilcoxi STEJNEGER
Proc. U. S. Nat. Mus., Vol. 25, Sept. 8, 1902, p. 156.

TYPE LOCALITY: Fort Huachuca, Arizona.
RANGE: Southern Arizona.

ELAPIDAE (*FAMILY*)

Micrurus (*GENUS*)

WAGLER in Spix, Serp. Brasil., 1824, p. 48
TYPE: *spixii*
CORAL-SNAKES

Micrurus euryxanthus (KENNICOTT)

Elaps euryxanthus KENNICOTT
Proc. Ac. Nat. Sci. Phila., 1860, p. 337.
Elaps euryxanthus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1125, fig. 324.

TYPE LOCALITY: Sonora.
RANGE: Southern New Mexico, Arizona and northern Mexico.

Micrurus fulvius (LINNÉ)

Coluber fulvius LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 381.
Elaps fulvius COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1120, figs. 321, 322.

TYPE LOCALITY: Carolina.
RANGE: South Carolina and Mississippi to Florida, the Gulf States, Mexico and Central America.

CROTALIDAE (*FAMILY*)

Agkistrodon (*GENUS*)

BEAUVOIS, Trans. Amer. Philos. Soc., Vol. 4, 1799, p. 381
TYPE: *mokasen*

Agkistrodon mokasen BEAUVOIS
COPPERHEAD

Agkishodon[1] *mokasen* BEAUVOIS
Trans. Amer. Philos. Soc., Vol. 4, 1799, p. 370.
Ancistrodon contortrix COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1135, fig. 326.

[1] Typographical error.

TYPE LOCALITY: America.
RANGE: Massachusetts southward to northern Florida, westward to Illinois, Arkansas and Texas.

Agkistrodon piscivorus (LACÉPÈDE)

COTTON-MOUTH MOCCASIN

Crotalus piscivorus LACÉPÈDE
Hist. Nat. Serp., Vol. 2, 1789, table méthod., p. 130.
Ancistrodon piscivorus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1133, fig. 325.

TYPE LOCALITY: Carolina.
RANGE: Virginia to Florida and the Gulf States.

Sistrurus (*GENUS*)

GARMAN, Mem. Mus. Comp. Zoöl., Vol. 8, Pt. 3, 1883, p. 110
TYPE: *miliarius*

Sistrurus catenatus catenatus (RAFINESQUE)

MASSASAUGA

Crotalinus catenatus RAFINESQUE
Amer. Month. Mag. Crit. Rev., Vol. 4, No. 1, Nov. 1818, p. 41.
Sistrurus catenatus GARMAN
Mem. Mus. Comp. Zoöl., Vol. 8, Pt. 3, 1883, p. 176.
Sistrurus catenatus catenatus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1146, fig. 329.

TYPE LOCALITY: Prairies of the upper Missouri.
RANGE: Western New York, through Ohio to Nebraska, northward into Michigan and Ontario, southward to Kansas.

Sistrurus catenatus edwardsii (BAIRD and GIRARD)

Crotalophorus edwardsii BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 15.
Sistrurus catenatus edwardsii STEJNEGER
Ann. Rep. U. S. Nat. Mus. 1893 (1895), p. 416.
Sistrurus catenatus edwardsii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1144, fig. 328.

TYPE LOCALITY: Tamaulipas, Mexico.
RANGE: Oklahoma southward through western Texas to northeastern Mexico.

Sistrurus miliarius (LINNÉ)

GROUND RATTLER

Crotalus miliarius LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 372.

Sistrurus miliarius GARMAN
Mem. Mus. Comp. Zoöl., Vol. 8, Pt. 3, 1883, p. 177.
Sistrurus miliarius COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1141, fig. 327.

TYPE LOCALITY: Carolina.

RANGE: North Carolina to Florida westward to Oklahoma and Texas, northward in the Mississippi basin to Arkansas.

Crotalus (*GENUS*)

LINNÉ, Syst. Nat., Ed. 10, Vol. 1, 1758, p. 214

TYPE: *horridus*

RATTLESNAKES

Crotalus adamanteus BEAUVOIS

DIAMOND-BACK RATTLER

Çrotalus adamanteus BEAUVOIS
Trans. Amer. Philos. Soc., Vol. 4, 1799, p. 368.
Crotalus adamanteus adamanteus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1161, fig. 333.

TYPE LOCALITY: United States.

RANGE: Southern North Carolina to Florida, westward to Louisiana and Arkansas.

Crotalus atrox BAIRD and GIRARD

Crotalus atrox BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 5.
Crotalus adamanteus atrox COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1164, fig. 334.
Crotalus adamanteus scutulatus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1158, fig. 332.

TYPE LOCALITY: San Pedro, Texas.

RANGE: Texas and northern Mexico to Arizona, also Lower California.

Crotalus cerastes HALLOWELL

SIDEWINDER

Crotalus cerastes HALLOWELL
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 95.
Crotalus cerastes COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1196, fig. 347.

TYPE LOCALITY: Mojave Desert.

RANGE: Southern California, southern Nevada, Arizona, southwestern Utah.

Crotalus confluentus SAY

PRAIRIE RATTLER

Crotalus confluentus SAY
Long's Exp. Rocky Mts., Vol. 2, 1823, p. 48.
Crotalus confluentus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1169, figs. 336–338.

TYPE LOCALITY: " Valley of the Arkansa " near Bell's Springs, Colorado.

RANGE: The Great Plains, from about the 96th Meridian to the Rocky Mountains and from Southern Canada to Texas.

Crotalus enyo (COPE)

Caudisona enyo COPE
Proc. Ac. Nat. Sci. Phila., 1861, p. 293.
Crotalus enyo COPE
Bull. U. S. Nat. Mus., No. 1, 1875, p. 33.
Crotalus enyo COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1189, fig. 343.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Extreme southern Lower California.

Crotalus exsul GARMAN

Crotalus exsul GARMAN
Mem. Mus. Comp. Zoöl., Vol. 8, Pt. 3, 1883, p. 114.
Crotalus ruber COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1167, fig. 335.

TYPE LOCALITY: Cedros Island, Lower California.

RANGE: Southern and Lower California.

Crotalus horridus LINNÉ

BANDED RATTLESNAKE, BLACK RATTLESNAKE, TIMBER RATTLESNAKE, CANEBREAK RATTLESNAKE (FOR VARIOUS VARIANTS IN COLORATION)

Crotalus horridus LINNÉ
Syst. Nat., Ed. 10, Vol. 1, 1758, p. 214.
Crotalus horridus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1185, fig. 342.

TYPE LOCALITY: America.

RANGE: Maine to Georgia, westward to Great Plains.

Crotalus lepidus (KENNICOTT)

Caudisona lepida KENNICOTT
Proc. Ac. Nat. Sci. Phila., 1861, p. 206.
Crotalus lepidus COPE
Proc. Ac. Nat. Sci. Phila., 1883, p. 13.

Crotalus lepidus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1191, fig. 344.

TYPE LOCALITY: Presidio and Eagle Pass, Texas.

RANGE: Border region in Texas, New Mexico, Arizona and adjacent Mexico.

Crotalus mitchellii (COPE)

Caudisona mitchellii COPE
Proc. Ac. Nat. Sci. Phila., 1861, p. 293.
Crotalus mitchellii COPE
Wheeler's Surv. West 100 Mer., Vol. 5, 1875, p. 535.
Crotalus mitchellii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1193, figs. 345, 346.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Arizona, Colorado Desert to southern Lower California.

Crotalus molossus BAIRD and GIRARD

Crotalus molossus BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 10.
Crotalus molossus COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1154, fig. 330.

TYPE LOCALITY: Fort Webster, New Mexico.

RANGE: Southern Texas to southern Arizona, also northern Mexico.

Crotalus oregonus HOLBROOK

Crotalus oreganus HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 4, 1840, p. 115, pl. 29 [=24]
Crotalus confluentus lucifer COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1176, fig. 339.

TYPE LOCALITY: Columbia River.

RANGE: British Columbia to southern California, western Idaho and Nevada.

Crotalus pricei VAN DENBURGH

Crotalus pricei VAN DENBURGH
Proc. California Ac. Sci., Ser. 2, Vol. 5, 1895, p. 856.
Crotalus pricei COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1184.

TYPE LOCALITY: Huachuca Mts., Arizona.

RANGE: Southern Arizona and the adjacent region in Mexico.

Crotalus tigris KENNICOTT

Crotalus tigris KENNICOTT
U. S. Mex. Bound. Surv., Vol. 2, 1859, Rept., p. 14, pl. 4.

Crotalus tigris COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1181, fig. 341.
TYPE LOCALITY: Deserts of the Gila and Colorado Rivers, Arizona.
RANGE: Southern California, southern Nevada, and southern Arizona.

Crotalus willardi MEEK
Crotalus willardi MEEK
Field Columb. Mus. Publ. Zoöl., Vol. 7, No. 1, Jan. 1906, p. 18, pl. 3.
TYPE LOCALITY: Tombstone, Arizona.
RANGE: Santa Rita Mountain Region, Arizona, and northern Mexico.

SYNAPSIDA (*SUBCLASS*)

OSBORN, Science (N. S.), Vol. 17, Feb. 13, 1903, p. 276

TESTUDINATA (*ORDER*)

OPPEL, Ordn. Rept., 1811, p. 3

KINOSTERNIDAE (*FAMILY*)

Kinosternon (*GENUS*)
SPIX, Testud. Brasil., 1824, p. 17
TYPE: *longicaudatum* = scorpioides.
STINK-POTS, MUSK-TURTLES OR MUD-TURTLES

Kinosternon baurii GARMAN
Cinosternum baurii GARMAN
Bull. Essex Inst., Vol. 23, 1891, p. 141.
TYPE LOCALITY: Key West, Florida.
RANGE: Florida.

Kinosternon carinatum (GRAY)
Aromochelys carinata GRAY
Proc. Zool. Soc. London, 1855 (Jan. 22, 1856), p. 199.
TYPE LOCALITY: Louisiana.
RANGE: Western Georgia to Louisiana.

Kinosternon flavescens (AGASSIZ)
Platythyra flavescens AGASSIZ
Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 430; Vol. 2, pl. 5, figs. 12–15.

Cinosternum flavescens COPE
Bull. U. S. Nat. Mus., No. 1, 1875, p. 52.

TYPE LOCALITY: Texas, Arizona.

RANGE: Texas, north to Kansas and Colorado, west to Arizona.

Kinosternon odoratum (LATREILLE)

Testudo odorata LATREILLE
Hist. Nat. Rept., Vol. 1, 1802, p. 122.
Kinosternon odoratum GRAY
Syn. Rept., 1831, p. 35.

TYPE LOCALITY: Carolina.

RANGE: Eastern and southern United States from Canada south; west to western Missouri and southern Texas.

Kinosternon sonoriense LE CONTE

Kinosternum sonoriense LE CONTE
Proc. Ac. Nat. Sci. Phila., 1854, p. 184.

TYPE LOCALITY: Tucson, Arizona.

RANGE: Southwestern Texas through southern New Mexico and Arizona into southeastern California; northern Mexico.

Kinosternon steindachneri SIEBENROCK

Cinosternum steindachneri SIEBENROCK
Zool. Anz., Vol. 30, Oct. 16, 1906, p. 727.

TYPE LOCALITY: Orlando, Florida.

RANGE: Central Florida.

Kinosternon subrubrum subrubrum[1] (LACÉPÈDE)

Testudo subrubra LACÉPÈDE
Hist. Nat. Quadr. Ovip. Serp., Vol. 1, 1788, synops. méth., tabl. betw. pp. 618 and 619 (comp. p. 132).

TYPE LOCALITY: Pennsylvania.

RANGE: Eastern United States, exclusive of peninsular Florida, west to Indiana and southeastern Illinois and Tennessee.

Kinosternon subrubrum hippocrepis (GRAY)

Kinosternon hippocrepis GRAY
Proc. Zool. Soc. London, 1855 (Jan. 22, 1856), p. 198.

TYPE LOCALITY: New Orleans, Louisiana.

RANGE: Southern Alabama to Texas, north in the Mississippi Valley to southeastern Missouri.

[1] This is the species usually known as *Kinosternon pensilvanicum* (GMELIN) 1789. Both names are based on the same figure in Edward's "Glanures".

CHELYDRIDAE (*FAMILY*)

Macrochelys (*GENUS*)

GRAY, Proc. Zool. Soc. London, 1855 (Jan. 22, 1856), p. 200

TYPE: *temminckii*

Macrochelys temminckii (HOLBROOK)

ALLIGATOR-SNAPPER

Chelonura temminckii HOLBROOK
N. Amer. Herp., Ed. 1, 1840, Vol. 4, p. 29, pl. 4.

Macrochelys temminckii GRAY
Proc. Zool. Soc., London, 1855 (Jan. 22, 1856) p. 200.

TYPE LOCALITY: Mississippi River and tributaries.

RANGE: Texas east to southeastern Georgia and northern Florida, north in the Mississippi basin to northern Missouri.

Chelydra (*GENUS*)

SCHWEIGGER, Königsberg. Arch. Naturw. Math., Vol. 1, 1812, Pt. 3, p. 292

TYPE: *serpentina*

Chelydra serpentina (LINNÉ)

COMMON SNAPPER

Testudo serpentina LINNÉ
Syst. Nat., Ed. 10, Vol. 1, 1758, p. 199.

Chelydra serpentina SCHWEIGGER
Königsberg. Arch. Naturw. Math., Vol. 1, 1812, Pt. 3, p. 293.

TYPE LOCALITY: "Warmer regions."

RANGE: Eastern North America from southern Canada to the Gulf of Mexico and west to the Rocky Mountains.

TESTUDINIDAE (*FAMILY*)

Clemmys (*GENUS*)

RITGEN, Nova Acta Ac. Leopold.-Carol., Vol. 14, Pt. 1, 1828, p. 272

TYPE: *punctata* = guttata

Clemmys guttata (SCHNEIDER)

SPOTTED TURTLE

Testudo guttata SCHNEIDER
Schr. Ges. Naturf. Freunde Berlin, Vol. 10, 1792, p. 264.

Clemmys guttata STRAUCH
Mém. Ac. Sci. St. Pétersbourg, Ser. 7, Vol. 5, No. 7, 1862, p. 107.

TYPE LOCALITY: Unknown.

RANGE: Eastern United States from Maine to northern Florida; in northern part west and north to southern Michigan.

Clemmys insculpta (LE CONTE)

WOOD-TURTLE

Testudo insculpta LE CONTE
Ann. Lyc. Nat. Hist. New York, Vol. 3, 1830, p. 112.
Clemmys insculpta STRAUCH
Mém. Ac. Sci. St. Pétersbourg, Ser. 7, Vol. 5, No. 7, 1862, p. 104.

TYPE LOCALITY: Northern (United) States.

RANGE: Eastern United States from Maine to the District of Columbia, west to Michigan and Wisconsin; southwestern Ontario.

Clemmys marmorata (BAIRD and GIRARD)

Emys marmorata BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 177.
Clemmys marmorata STRAUCH
Mém. Ac. Sci. St. Pétersbourg, Ser. 7, Vol. 5, No. 7, 1862, p. 108.

TYPE LOCALITY: Puget Sound, Washington.

RANGE: Pacific Slope from Puget Sound to San Diego, California.

Clemmys muhlenbergii (SCHOEPFF)

Testudo muhlenbergii SCHOEPFF
Hist. Testud. Pt. 6, 1801, p. 132, pl. 31.
Clemmys muhlenbergii STRAUCH
Mém. Ac. Sci. St. Pétersbourg, Ser. 7, Vol. 8, No. 13, 1865, p. 67.

TYPE LOCALITY: Lancaster, Pennsylvania.

RANGE: New Jersey, southeastern corner of Pennsylvania and of New York, north to Rhode Island.

Clemmys nuchalis DUNN

Clemmys nuchalis DUNN
Bull. Amer. Mus. Nat. Hist., Vol. 37, 1917, p. 624, pl. 61.

TYPE LOCALITY: Yonahlossee Road, about 3 miles from Linville, North Carolina.

RANGE: Brevard and Linville, North Carolina.

Emys (*GENUS*)

DUMÉRIL, Zool. Anal., 1806, p. 76

TYPE: *Europea*

Emys blandingii (HOLBROOK)

BLANDING'S TURTLE

Cistudo blandingii HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 3, 1838, p. 35, pl. 5.
Emys blandingii Strauch
Mém. Ac. Sci. St. Pétersbourg, Ser. 7, Vol. 5, No. 7, 1862, p. 28.

TYPE LOCALITY: Fox River, Illinois.

RANGE: Northern Illinois and Indiana, west and north to Minnesota, Michigan and east to New England; Long Island.

Terrapene (*GENUS*)

MERREM, Tent. Syst. Amphib., 1820, p. 27

TYPE: *clausa* = carolina

BOX-TURTLES

Terrapene carolina carolina (LINNÉ)

Testudo carolina LINNÉ
Syst. Nat., Ed. 10, Vol. 1, p. 198.
Terrapene carolina BELL
Zool. Journ., Vol. 2, 1825, p. 309.

TYPE LOCALITY: Carolina.

RANGE: Eastern United States from Maine to Georgia, west to Tennessee, western Illinois and northwards to central Michigan.

Terrapene carolina triunguis (AGASSIZ)

Cistudo triunguis AGASSIZ
Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 445.
Terrapene carolina triunguis STRECKER
Proc. Biol. Soc. Washington, Vol. 23, 1910, p. 121.

TYPE LOCALITY: New Orleans, Louisiana.

RANGE: Coastal plain of the Gulf of Mexico, north in the Mississippi Basin to Missouri, west into Oklahoma and southern Texas.

Terrapene major (AGASSIZ)

Cistudo major AGASSIZ
Contr. Nat. Hist., U. S., Vol. 1, 1857, p. 445.
Terrapene major BAUR
Science, N. S., Vol. 17, April 3, 1891, p. 190.

TYPE LOCALITY: Mobile, Alabama; Florida.
RANGE: Florida, north into southern Georgia, west into southeastern Texas.

Terrapene ornata (AGASSIZ)
Cistudo ornata AGASSIZ
Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 445.
Terrapene ornata BAUR
Science, N. S., Vol. 17, April 3, 1891, p. 191.
TYPE LOCALITY: The Upper Missouri and Iowa.
RANGE: Indiana, Illinois, and territory between the Missouri and Mississippi Rivers and the Rocky Mountains from the Yellowstone River in the north to the Gulf of Mexico in the south, southern New Mexico and Arizona and northern Mexico.

Malaclemys (*GENUS*)

GRAY, Cat. Tort. Brit. Mus., 1844, p. 28
TYPE: *concentrica*
DIAMOND-BACK TERRAPINS

Malaclemys centrata centrata (LATREILLE)
Testudo centrata LATREILLE
Hist. Nat. Rept, Vol. 1, 1802, p. 145.
Malaclemys centrata LOENNBERG
Proc. U. S. Nat. Mus., Vol. 17, Nov. 15, 1894, p. 319.
TYPE LOCALITY: Carolina.
RANGE: Coast strip from neighborhood of Cape Hatteras, south to Florida.

Malaclemys centrata concentrica (SHAW)
Testudo concentrica SHAW
Gen. Zool., Vol. 3, 1802, p. 43, pl. 9.
Malaclemmys centrata concentrica W. P. HAY
Bull. U. S. Bur. Fish., Vol. 24, 1904, p. 16.
TYPE LOCALITY: Philadelphia markets.
RANGE: Coast strip from Buzzards Bay to North Carolina, Delaware and Chesapeake Bays.

Malaclemys pileata pileata (WIED)
Emys pileata WIED
Nova Acta Ac. Leopold.-Carol., Vol. 32, 1865, p. 17, pl. 1, figs. 2, 3.
Malaclemmys pileata W. P. HAY
Bull. U. S. Bur. Fish., Vol. 24, 1904, p. 17.
TYPE LOCALITY: New Orleans, Louisiana.
RANGE: Coast from mouth of Mississippi River eastwards to Florida.

Malaclemys pileata littoralis (W. P. HAY)

Malaclemmys littoralis W. P. HAY
Bull. U. S. Bur. Fish., Vol. 24, 1904, p. 18, pls. 8, 9, 12, figs. 2, 3.

TYPE LOCALITY: Rockport, Texas.

RANGE: Coast of Texas and outlying islands.

Malaclemys pileata macrospilota (W. P. HAY)

Malaclemmys macrospilota W. P. HAY
Bull. U. S. Bur. Fish., Vol. 24, 1904, p. 16, pls. 6, 7, 11, fig. 1.

TYPE LOCALITY: Charlotte Harbor, Florida.

RANGE: Western coast of Florida.

Graptemys (*GENUS*)

AGASSIZ, Contr. Nat. Hist. U.S., Vol. 1, 1857, p. 436

TYPE: *geographica*

MAP-TURTLES

Graptemys geographica (LE SUEUR)

Testudo geographica LE SUEUR
Journ. Ac. Nat. Hist. Phila., Vol. 1, Pt. 1, 1817, p. 86, pl. 5.
Graptemys geographica AGASSIZ
Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 436.

TYPE LOCALITY: Marsh on the border of Lake Erie.

RANGE: Mississippi Valley north to Iowa, northern Illinois, southern Michigan east to Pennsylvania and New York as far as Lake Champlain; eastern Tennessee and southwestern Virginia, west to southwestern Missouri, eastern Oklahoma and northeastern Texas.

Graptemys pseudogeographica pseudogeographica (GRAY)

Emys pseudogeographica GRAY
Syn. Rept., 1831, p. 31 ("Le Sueur" in synomymy).
Graptemys pseudogeographica GRAY
Ann. Mag. Nat. Hist., Ser. 3, Vol. 12, Sept. 1863, p. 180.

TYPE LOCALITY: Wabash River, New Harmony, Indiana.

RANGE: Mississippi Valley, east to Alabama and Ohio, north to Wisconsin and northern Iowa; west to eastern Kansas and Oklahoma.

Graptemys pseudogeographica kohnii (BAUR)

Malacoclemmys kohnii BAUR
Science, N. S., Vol. 16, Nov. 7, 1890, p. 263.

TYPE LOCALITY: Bayou Lafourche, B. Teche, and St. Martinsville, Louisiana.

RANGE: Gulf strip from Pensacola to eastern Texas.

Graptemys pseudogeographica oculifera (BAUR)

Malacoclemmys oculifera BAUR
Science, N. S., Vol. 16, Nov. 17, 1890, p. 262.

TYPE LOCALITY: Mandeville, Louisiana.
RANGE: Southern Louisiana.

Chrysemys (*GENUS*)

GRAY, Cat. Tort. Brit. Mus., 1844, p. 27

TYPE: *picta*

PAINTED TURTLES, SOLDIER TURTLES

Chrysemys marginata marginata (AGASSIZ)

Chrysemys marginata AGASSIZ
Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 439, Vol. 2, pl. 1, fig. 6, pl. 5, figs 1–4.

TYPE LOCALITY: Wisconsin, Michigan, Indiana, Iowa.
RANGE: Central lowland, west to the Mississippi and the Missouri, north into Wisconsin, Michigan, and northern New York.

Chrysemys marginata bellii (GRAY)

Emys bellii GRAY
Syn. Rept., 1831, p. 31.

TYPE LOCALITY: Unknown.
RANGE: Great plains west of the Mississippi, southwest into New Mexico and northern Mexico; northwest into Montana, the Columbia basin, British Columbia and Vancouver Island; northeast into northeastern Minnesota and upper Michigan.

Chrysemys marginata dorsalis (AGASSIZ)

Chrysemys dorsalis AGASSIZ
Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 440.

TYPE LOCALITY: Mississippi and Louisiana.
RANGE: Mississippi Valley north to southern Missouri.

Chrysemys marginata treleasei (HURTER)

Chrysemys treleasei HURTER
Trans. Ac. Sci. St. Louis, Vol. 20, July 28, 1911, p. 255, pl. 23, fig. 3, pl. 24

TYPE LOCALITY: St. Clair and Madison Cos., Illinois.
RANGE: St. Clair and Madison Cos., Illinois.

Chrysemys picta (SCHNEIDER)

Testudo picta SCHNEIDER
Naturg. Schildkr., 1783, p. 348.

Chrysemys picta GRAY
Cat. Shield Rept. Brit. Mus., Pt. 1, March 8, 1856, p. 32 (part).
TYPE LOCALITY: Unknown, said to have been England.
RANGE: Eastern North America from New Brunswick to Georgia.

Pseudemys (*GENUS*)

GRAY, Proc. Zool. Soc. London, 1855 (Jan. 22, 1856), p. 197
TYPE: *concinna*
SLIDERS OR COOTERS

Pseudemys alabamensis BAUR

Pseudemys alabamensis BAUR
Proc. Amer. Philos. Soc., Vol. 31, July, 1893, p. 224.
TYPE LOCALITY: Mobile Bay, Alabama.
RANGE: Gulf coast from Florida to Louisiana.

Pseudemys concinna (LE CONTE)

Testudo concinna LE CONTE
Ann. Lyc. Nat. Hist. New York, Vol. 3, 1830, p. 106.
Pseudemys concinna GRAY
Cat. Shield Rept. Brit. Mus., Pt. 1, March 8, 1856, p. 34.
TYPE LOCALITY: Rivers of Georgia and Carolina above Augusta and Columbia.
RANGE: Eastern rivers from Georgia to southern Maryland.

Pseudemys elegans (WIED)

Emys elegans WIED
Reise Nord-Amer., Vol. 1, Pt. 4, 1838, p. 213.
Pseudemys elegans COPE
Bull. U. S. Nat. Mus., No. 1, 1875, p. 53.
TYPE LOCALITY: New Harmony, Indiana.
RANGE: Southern Texas and Mississippi basin north to Iowa, northern Indiana and Ohio.

Pseudemys floridana (LE CONTE)

Testudo floridana LE CONTE
Ann. Lyc. Nat. Hist. New York, Vol. 3, 1830, p. 100.
Pseudemys floridana BAUR
Proc. Amer. Philos. Soc., Vol. 31, 1893, p. 223.
TYPE LOCALITY: St. John's River, Florida.
RANGE: Florida into southern Georgia.

Pseudemys hieroglyphica (HOLBROOK)

Emys hieroglyphica HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 1, 1836, p. 47, pl. 2.

Pseudemys hieroglyphica H. GARMAN
Bull. Illinois Lab. Nat. Hist., Vol. 3, 1892, p. 231.

TYPE LOCALITY: Cumberland River, Tennessee.
RANGE: Rivers of southern Appalachians.

Pseudemys ornata nebulosa (VAN DENBURGH)

Chrysemys nebulosa VAN DENBURGH
Proc. California Ac. Sci., Ser. 2, Vol. 5, 1895, p. 84, pls. 4–6.

TYPE LOCALITY: Los Dolores, abreast of San José Island, Lower California.
RANGE: Southern Lower California.

Pseudemys rubriventris (LE CONTE)

Testudo rubriventris LE CONTE
Ann. Lyc. Nat. Hist. New York, Vol. 3, 1830, p. 101.
Pseudemys rubriventris LOENNBERG
Proc. U. S. Nat. Mus., Vol. 17, Nov. 15, 1894, p. 318.

TYPE LOCALITY: Delaware River, near Trenton, New Jersey.
RANGE: Atlantic coast from Florida to New Jersey; Plymouth, Massachusetts.

Pseudemys scripta (SCHOEPFF)

Testudo scripta SCHOEPFF
Hist. Testud., Pts. 1–2, 1792, p. 16, pl. 3, figs. 4, 5.
Pseudemys scripta JORDAN
Man. Vertebr. Anim. North U. S., Ed. 8, 1899, p. 209.

TYPE LOCALITY: Unknown.
RANGE: Georgia to North Carolina.

Pseudemys texana BAUR

Pseudemys texana BAUR
Proc. Amer. Philos. Soc., Vol. 31, July, 1893, p. 223.

TYPE LOCALITY: San Antonio, Texas.
RANGE: Southwestern Missouri, western Arkansas and Texas to northeastern Mexico.

Pseudemys troostii (HOLBROOK)

Emys troostii HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 1, 1836, p. 55, pl. 4.
Pseudemys troostii COPE
Bull. U. S. Nat. Mus., No. 1, 1875, p. 53.

TYPE LOCALITY: Cumberland River, Tennessee.
RANGE: Mississippi Valley, north to northern Missouri and southern Indiana.

Deirochelys (*GENUS*)

AGASSIZ, Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 441

TYPE: *reticulata* = reticularia

Deirochelys reticularia (LATREILLE)

CHICKEN TURTLE

Testudo reticularia LATREILLE
Hist. Nat. Rept., Vol. 1, 1802, p. 124.

Deirochelys reticularia GRAY
Suppl. Cat. Shield Rept. Brit. Mus., Pt. 1, 1870, p. 39 (part).

TYPE LOCALITY: Carolina.

RANGE: Coastal Plain from Beaufort, North Carolina to and including the Mississippi alluvial plain; south to central Florida.

Gopherus (*GENUS*)

RAFINESQUE, Atlantic Journ., Vol. 1, No. 2, 1832, p. 64

TYPE: *polyphemus*

GOPHER-TURTLES

Gopherus agassizii (COOPER)

Xerobates agassizii COOPER
Proc. California Ac. Sci., Vol. 2, 1863, p. 120.

Gopherus agassizii STEJNEGER
N. Amer. Fauna, No. 7, May 31, 1893, p. 161.

TYPE LOCALITY: Mountains near Ft. Mojave, California.

RANGE: Deserts of southwestern Arizona, and southeastern California into Nevada.

Gopherus berlandieri (AGASSIZ)

Xerobates berlandieri AGASSIZ
Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 447, Vol. 2, pl. 3, figs. 17–19.

Gopherus berlandieri STEJNEGER
N. Amer. Fauna, No. 7, May 31, 1893, p. 161.

TYPE LOCALITY: Lower Rio Grande, Texas.

RANGE: Southwestern corner of Texas into northeastern Mexico.

Gopherus polyphemus (DAUDIN)

Testudo polyphemus DAUDIN
Hist. Nat. Rept., Vol. 2, 1803, p. 256.

Gopherus polyphemus STEJNEGER
N. Amer. Fauna, No. 7, May 31, 1893, p. 161.

TYPE LOCALITY: Savanna and Altamaha Rivers, Georgia.

RANGE: Coast from southern South Carolina to Florida and the Mississippi River north into southern Arkansas.

CHELONIIDAE (*FAMILY*)

Chelonia (*GENUS*)

LATREILLE, Hist. Nat. Rept., Vol. 1, 1802, p. 22

TYPE: *mydas*

GREEN-TURTLES

Chelonia agassizii BOCOURT

Chelonia agassizii BOCOURT
Ann. Sci. Nat., Ser. 5, Zool., Vol. 10, Pts. 1–3, 1868, p. 122.

TYPE LOCALITY: Guatemala, mouth of Nagualate in the Pacific.
RANGE: Pacific Ocean, north to coasts of Lower California and southern California.

Chelonia mydas (LINNÉ)

Testudo mydas LINNÉ
Syst. Nat., Ed. 10, Vol. 1, 1758, p. 197.
Chelonia mydas SCHWEIGGER
Königsberg. Arch. Naturw. Math., Vol. 1, 1812, Pt. 3, p. 412.

TYPE LOCALITY: Ascension Island, etc.
RANGE: Atlantic Ocean; Gulf of Mexico, occasionally as far north as Massachusetts.

Eretmochelys (*GENUS*)

FITZINGER, Syst. Rept., 1843, p. 30

TYPE: *imbricata*

SHELL-TURTLES, HAWKS-BILLS

Eretmochelys imbricata (LINNÉ)

Testudo imbricata LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 350.
Eretmochelys imbricata AGASSIZ
Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 381.

TYPE LOCALITY: American Seas.
RANGE: Florida and Gulf coasts; occasionally as far north as Massachusetts.

Eretmochelys squamosa (GIRARD)

Caretta squamosa GIRARD
Herpet. U. S. Expl. Exped., 1858, p. 442, pl. 30, figs. 1–7
Eretmochelys squamosa STEJNEGER
Bull. U. S. Nat. Mus., No. 58, 1907, p. 511.

TYPE LOCALITY: Sulu Seas and Indian Ocean.
RANGE: Pacific Ocean; coast of Lower California.

Caretta (*GENUS*)

RAFINESQUE, Specchio Sci. (Palermo), Vol. 2, No. 9, 1 Sept., 1814, p. 66

TYPE: *nasuta* = caretta

LOGGERHEAD TURTLES

Caretta caretta (LINNÉ)

Testudo caretta LINNÉ
Syst. Nat., Ed. 10, Vol. 1, 1758, p. 197.
Caretta caretta STEJNEGER
Ann. Rep. U. S. Nat. Mus. 1902 (1904), p. 715.

TYPE LOCALITY: "About the American Islands."

RANGE: Atlantic Ocean, breeding as far north as Beaufort, North Carolina; north occasionally to coast of Massachusetts.

Caretta kempii (GARMAN)

BASTARD-TURTLE

Thalassochelys (*Colpochelys*) *kempii* GARMAN
Bull. Mus. Comp. Zoöl., Vol. 6, 1880, p. 123.
Caretta kempii SIEBENROCK
Zool. Jahrb. Suppl., Vol. 10, Pt. 3, 1909, p. 551.

TYPE LOCALITY: Gulf of Mexico.

RANGE: Northeastern part of Gulf of Mexico north to Cape Hatteras, and accidentally to the coast of Massachusetts.

Caretta olivacea (ESCHSCHOLTZ)

Chelonia olivacea ESCHSCHOLTZ
Zool. Atlas, Pt. 1, 1829, p. 2, pl. 3.
Caretta olivacea RUEPPELL
Neue Wirbelth. Abyssin., Amph., 1835, p. 7.

TYPE LOCALITY: Manila Bay, P. I.

RANGE: Tropical Pacific straggling to the California coast.

DERMOCHELIDAE (*FAMILY*)

Dermochelys (*GENUS*)

BLAINVILLE, Bull. Soc. Philom. Paris, 1816, p. 111 bis (= 119)

TYPE: *coriacea*

Dermochelys coriacea (LINNÉ)

Testudo coriacea LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 350.
Dermochelys coriacea BOULENGER
Cat. Chel. Brit. Mus., 1889, p. 10.

TYPE LOCALITY: Mediterranean Sea.
RANGE: Atlantic Ocean; occasionally on entire coast as far north as Maine.

Dermochelys schlegelii (GARMAN)

Sphargis coriacea var. *schlegelii* GARMAN
Bull. U. S. Nat. Mus., No. 25, 1884, p. 303.
Dermochelys schlegelii STEJNEGER
Bull. U. S. Nat. Mus., No. 58, 1907, p. 485.

TYPE LOCALITY: Tropical Pacific and Indian Ocean.
RANGE: Tropical Pacific Ocean; coasts of Lower California and Southern California.

TRIONYCHIDAE (*FAMILY*)

Amyda (*GENUS*)

OKEN, Lehrb. Zool., Vol. 2, 1816, p. 348
TYPE: *euphratica*
SOFT-SHELLED TURTLES

Amyda emoryi (AGASSIZ)

Aspidonectes emoryi AGASSIZ
Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 407, Vol. 2, pl. 6, figs. 4, 5.

TYPE LOCALITY: Rio Grande River, near Brownsville, Texas.
RANGE: Rivers of Texas, north into southern Oklahoma and Arkansas.

Amyda ferox (SCHNEIDER)

Testudo ferox SCHNEIDER
Naturg. Schildkr., 1783, p. 330.
Amyda ferox OKEN
Lehrb. Zool., Vol. 2, 1816, p. 348.

TYPE LOCALITY: Savanna River, Georgia.
RANGE: South Carolina to Florida and Louisiana.

Amyda mutica (LE SUEUR)

Trionyx muticus LE SUEUR
Mém. Mus. Hist. Nat. Paris, Vol. 15, Dec. 1827, p. 263, pl. 7.
Amyda mutica AGASSIZ
Contr. Nat. Hist. U. S., 1857, Vol. 1, p. 399.

TYPE LOCALITY: Wabash River at New Harmony, Ind.
RANGE: Middle and Northern tributaries of the Mississippi and St. Lawrence Rivers.

Amyda spinifera (LE SUEUR)

Trionyx spiniferus LE SUEUR
Mém. Mus. Hist. Nat. Paris, Vol. 15, Dec. 1827, p. 258, pl. 6.
Amyda spinifera HURTER
Trans. Ac. Sci. St. Louis, Vol. 20, 1911, p. 251.

TYPE LOCALITY: Wabash River at New Harmony, Indiana.

RANGE: Mississippi River and tributaries west to Colorado, north to Montana; St. Lawrence River and tributaries; east to Vermont, western New York and Pennsylvania.

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